



STATE OF ILLINOIS

Richard B. Ogilvie, *Governor*

**1971 Annual Coal, Oil and Gas Report**

**DEPARTMENT OF MINES AND MINERALS**

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Illinois. Dept. of Mines and  
Minerals.

Annual coal, oil and gas report..

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STATE OF ILLINOIS  
RICHARD B. OGILVIE, *Governor*

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*Ninetieth*  
**COAL REPORT OF ILLINOIS**  
**1971**

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**DEPARTMENT OF MINES AND  
MINERALS**



C. DAYTON McREAKEN, Acting Director  
LEROY ROBINSON, Assistant Director

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## LETTER OF TRANSMITTAL

STATE OF ILLINOIS,  
DEPARTMENT OF MINES AND MINERALS.

SPRINGFIELD, ILLINOIS, MAY 1, 1972

*To His Excellency, Richard B. Ogilvie, Governor  
State of Illinois, Springfield.*

Sir: In compliance with the Illinois Revised Statutes, I am submitting herewith the Annual Report of the Illinois Department of Mines and Minerals for the year 1971. This report includes production, employment, and casualty figures for underground and surface mines; the annual report of the Division of Land Reclamation and the annual report of the Division of Oil and Gas.

Respectfully submitted,

C. DAYTON McREAKEN, *Acting Director*

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#### DIVISION OF LAND RECLAMATION

#### DIVISION OF OIL AND GAS

## DIRECTORS OF ILLINOIS—DEPARTMENT OF MINES AND MINERALS

Name	Years served	Address	Remarks
Newsam, Richard	1898-1912	Peoria	
John, Evan D	1917-1919	Spaulding	
Thompson, Joseph C	1919-1920	Johnston City	
Medill, Robert M	1920-1924	Roanoke	
Bolt, Martin	1924-1926	Springfield	
Lewis, A. D	1926-1930	Springfield	
Millhouse, John G	1930-1934	Litchfield	
McSherry, James	1934-1941	DuQuoin	
Medill, Robert M	1941-1947	Roanoke	
Walker, Harold L	April 2 to October 1, 1947	Urbana	
Moses, Thomas	October 1, 1947 to February 20, 1948	Danville	Died in office.
Cruse, Robert R	March 1, 1948 to January 16, 1949	Dowell	
Starks, James W	January 17, 1949 to February 3, 1949	Taylorville	Died in office.
Walker, Harold L	February 8 to April 18, 1949	Urbana	
Eadie, Walter	April 19, 1949 to January 15, 1953	West Frankfort	
Schull, B. H	January 15, 1953 to August 31, 1961	Marion	
Orlandi, W. J	September 1, 1961 to February 14, 1963	Kincaid	
L. Leon Ruff	February 15, 1963 to February 14, 1970	Collinsville	
David L. Gulley	February 15, 1970 to December 31, 1971	Coello	
* C. Dayton McReaken	January 1, 1972	West Frankfort	
* Acting Director			

## DEPARTMENT OF MINES AND MINERALS

C. DAYTON McREAKEN, Acting Director  
Phone: 217-525-6791  
Springfield, Illinois

LEROY ROBINSON, Assistant Director  
Phone: 618-439-4329  
Benton, Illinois

## MINING BOARD

C. DAYTON McREAKEN, *Executive Officer*, Springfield, Illinois  
JOHN W. BOWEN, *Secretary*, R.F.D. 3, Box 28, West Frankfort,  
Illinois 62896  
DALE WALKER, Southwestern IL. Coal Corp., Captain Mine,  
Percy, Illinois 62272  
JOE CRAGGS, P.O. Box #530, Taylorville, Illinois 62568  
JOHN W. WOODRUFF, R.R. 1, Eldorado, Illinois 62930

## MINE RESCUE STATIONS

### SUPERINTENDENTS, ASSISTANTS AND STATION ADDRESSES

Benton	— CHARLES M. WALKER, 503 E. Main Street
DuQuoin	— JAMES J. JANINI, 512 N. Hickory
Eldorado	— BENNIE GIBBS, 1411 Locust Street
Springfield	— JAMES LITCHFIELD, 609 Princeton Street
Elizabethtown	— LEWIS V. ENGLISH, First Street

### ASSISTANT SUPERINTENDENTS

Benton	— CALLIE SIDDENS, 1008 Grayson Street
DuQuoin	— SANTO CICARDI, R.R. 1, Pinckneyville, Illi- nois 62832
Eldorado	— FERN CAGLE, 2437 West Locust
Springfield	— MILES STAHL, 1251 North Second Street FRANK PETREIKIS, 810 North Eighth Street

### MINERS' EXAMINING BOARD

KENNETH H. HAMMOND, *President*, Hurst, Illinois 62949  
 RICHARD W. MOTTERSHAW, *Secretary*, 231 Stoddard, Vir-  
 den, Illinois 62690  
 DENNIS MOORE, 811 N. Main Street, Carrier Mills, 62917  
 SILAS E. STEWART, 904 E. Webster Ave., Benton, 62812

### METAL MINE INSPECTOR

ARNOLD E. BLACK, R.R. #4, Elizabethtown, Illinois 62931

### COAL QUALITY INSPECTORS

DONALD HANEY, 38 Illini Drive, Taylorville, Illinois 62568  
 DONALD HAFLIGER, 421 E. Esther, Taylorville, Illinois 62568

### GENERAL OFFICE

*Administrative Assistant:* EDNA ROACH, 414 East Canedy,  
 Springfield, Illinois 62703  
*Chief-Clerk:* JOSEPH C. TABOR, R.R. #6, Springfield, Illinois  
 62707  
*Accountant:* MILDRED GLENWRIGHT, 524½ S. Glenwood,  
 Springfield, Illinois 62704  
*Clerk-Steno III:* EVELYN CUMMINGS, R.R. #1, Elkhart, Illi-  
 nois 62634  
*Clerk-Steno II:* KATHLEEN MAGDICH, 711 East First South  
 St., Mt. Olive, Illinois 62069  
*Clerk-Typist II:* CHARLENE KNIERIM, 3876 Constant View,  
 Decatur, Illinois 62526

**EXPLOSIVE INSPECTION SERVICE  
BENTON, ILLINOIS**

ADMINISTRATOR: Donald Simpson - R.R. 2, Benton, Illinois  
62812

INSPECTOR: James R. Storey - R.R. 1, Sesser, Illinois 62884

INSPECTOR: Lester W. Glynn - 58 Second St., La Salle, Illinois  
61301

**MINE SAFETY TRAINING**

COORDINATOR: Harold E. Odle—202 N. Cherry, West Frank-  
fort, Illinois 62896

INSTRUCTORS: Albert Morris—807 W. Elm St., Taylorville,  
Illinois 62568  
Russell Spitzner—1201 N. Garfield, Marion,  
Illinois 62959  
Theodore A. Plumlee—R.R. 3, West Frank-  
fort, Illinois 62896

**LIST OF STATE MINE INSPECTORS AND COUNTIES  
COMPRISING THEIR RESPECTIVE DISTRICTS**

First District—ARTHUR RIEDLINGER, *Inspector*, 117 Amsler Street, Bartonville, Illinois. Kankakee, Knox, Peoria, and Stark.

Second District—JOHN HAMMOND, *Inspector*, Box #109, Rushville, Illinois. Fulton, Mercer, and Daviess.

Third District—JAMES I. JAYNE, *Inspector*, Box #662, Cuba, Illinois. Fulton and Peoria.

Fourth District—CHARLES RENSHAW, *Inspector*, 701 South 29th Street, Mt. Vernon, Illinois. Douglas, Jefferson and Vermilion.

Fifth District—JOE GLADSON, *Inspector*, P.O. Box 187, Raymond, Illinois. Christian and Macoupin.

Sixth District—WILLIAM O. JOHNSTON, *Inspector*, 205 South Victor, Christopher, Illinois. St. Clair.

Seventh District—MARTIN O. BARBER, *Inspector*, P.O. Box #94, Johnston City, Illinois. Gallatin and Saline.

Eighth District—GEORGE T. WILLIAMS, *Inspector*, 702 West Jones Street, West Frankfort, Illinois. Franklin, Jackson, Perry and Randolph.

Ninth District—EDMUND GREZLAK, *Inspector*, 207 South Main Street, Zeigler, Illinois. Franklin, Jackson and Williamson.

Tenth District—ARTHUR J. WILLIAMS, *Inspector*, 715 Susan Esther, Benton, Illinois. Franklin, Monroe and Randolph.

Eleventh District—JAMES KOLISEK, *Inspector*, 410 Bond Street, Benton, Illinois. Franklin, Perry, Saline and Williamson.



Twelfth District—BYRD RICH, *Inspector*, 631 South Day, West Frankfort, Illinois. Williamson, Franklin and Perry.

Thirteenth District—JOHN MORTHLAND, *Inspector*, 606 South Monroe Street, West Frankfort, Illinois. Jackson , Jefferson and Williamson.

Fourteenth District—ROBERT JONES, *Inspector*, 617 North Madison, Benton, Illinois. Jefferson, Perry and St. Clair.

Fifteenth District—JOHN ROMINE, *Inspector*, 606 South Monroe Street, West Frankfort, Illinois. Jefferson, Jackson and Williamson.

Sixteenth—C. DAYTON McREAKEN, *State-Inspector-at-Large*, 106 West Lindell, West Frankfort, Illinois.

Seventeenth—ROBERT L. PATE, *Inspector*, 1 Lexington Manor, Harrisburg, Illinois. Johnson, Pope, Saline and Williamson.

Eighteenth—JAMES L. WHITE, *Inspector*, 801 Kimball, Hillsboro, Illinois. Macoupin and Montgomery.

Metal Mine Inspector—ARNOLD BLACK, R.F.D. #4, Elizabethtown, Illinois. Hardin and Pope.



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# I *General*

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## I GENERAL—TABLE 1—DIRECTORY

No.	Name of Operator	County	Post Office	General Superintendent
1.	Ayrshire Coal Co., Div. of Amax "Delta"	Williamson	Marion	J.F. Megenhardt
2.	Ayrshire Coal Co., Div. of Amax "Leahy"	Perry	Campbell Hill	B.D. Youngs
3.	Ayrshire Coal Co., Div. of Amax "Sun Spot"	Fulton	Vermont	Clyde Dallas
4.	Barbara Kay Coal Co.	Williamson	Marion	Leon King
5.	Big Ridge Coal Co.	Saline	Carterville	Bert Chamness
6.	Brown Bros. Excavating Co.	Saline	Harrisburg	John T. Brown
7.	Cold Water Coal Co.	Williamson	Herrin	R. Prewitt
8.	* Consolidation Coal Co. "Burning Star #2"	Perry	Du Quoin	
9.	* Consolidation Coal Co. "Burning Star #3"	Randolph	Sparta	Mike Naccarato
10.	* Consolidation Coal Co. "Hillsboro"	Montgomery	Coffeen	M.A. Williams
11.	* Consolidation Coal Co., Norris	Fulton	Norris	Chas. E. Bond
12.	Deaton Coal Co.	Johnson	New Burnside	Jack Deaton
13.	E & L Coal Co.	Pope	Marion	Elvis Waldron
14.	Eads Coal Co.	Jefferson	Belle Rive	David Kelce
15.	Forsyth-Energy, Inc.	Williamson	Herrin	
16.	Freeman Coal Mining Corp. "Crown"	Montgomery	Farmersville	Charles E. Sanford
17.	Freeman Coal Mining Corp. #3	Jefferson	Waltonville	Charles E. Sanford
18.	Freeman Coal Mining Corp. #4	Williamson	Marion	Charles E. Sanford
19.	Freeman Coal Mining Corp. #5	Franklin	West Frankfort	Charles E. Sanford
20.	Freeman Coal Mining Corp. #6	Jefferson	Waltonville	Charles E. Sanford
21.	Harrisburg Coal Co.	Williamson	Marion	Arlie King
22.	Hazel Dell Coal Corporation	Mercer	New Windsor	Dale Johnson
23.	Inland Steel Company	Jefferson	Sesser	E.H. Roberts
24.	Jader Fuel Co.	Saline	Shawneetown	Wm. J. Downen
25.	Knickerbocker Coal Co.	Johnson	Creal Springs	C.P. Knickerbocker
26.	Midland Coal Co. "Allendale"	Stark	Wyoming	Robert Devlin
27.	Midland Coal Co. "Edwards"	Peoria	Edwards	R. Devlin
28.	Midland Coal Co. Elm #1	Peoria	Trivoli	Robert Devlin
29.	Midland Coal Co. Elm #2	Fulton	Fairview	John Sense
30.	Midland Coal Co., Mecco	Knox	Victoria	Robert Devlin
31.	Monterey Coal Co.	Macoupin	Carlinville	H.C. Morton
32.	Old Ben Coal Corp., #21	Franklin	Sesser	A.J. Webster
33.	Old Ben Coal Corp. #24	Franklin	Benton	A.J. Webster
34.	Old Ben Coal Corp. #26	Franklin	Sesser	A.J. Webster
35.	New Burnside Coal Co.	Johnson	Christopher	Noble Starnes
36.	Peabody Coal Co. #10	Christian	Pawnee	Joseph Craggs
37.	Peabody Coal Co. Eagle #1	Gallatin	Shawneetown	Wm. G. Urton
38.	Peabody Coal Co. Eagle #2	Gallatin	Shawneetown	Wm. G. Urton
39.	Peabody Coal Co. Eagle Strip	Gallatin	Shawneetown	Howard Herzog
40.	Peabody Coal Co. Midwest U.G.	St. Clair	Millstadt	Ramon Gothard
41.	Peabody Coal Co. Midwest Strip	St. Clair	Millstadt	James Mc Dowell
42.	Peabody Coal Co. Northern	Kankakee	So. Wilmington	Howard E. Herzog
43.	Peabody Coal Co. River King U.G.	St. Clair	Freeburg	Ramon A. Gothard
44.	Peabody Coal Co. River King Strip	St. Clair	Lenzburg	Howard E. Herzog
45.	Peabody Coal Co. Will Scarlet	Williamson	Stonefort	Howard E. Herzog
46.	Royal Mining Co.	Jackson	Carterville	Ken Storme
47.	Sahara Coal Co., Inc. #5	Saline	Harrisburg	J.A. Bottomley
48.	Sahara Coal Co., Inc. #6	Saline	Harrisburg	J.A. Bottomley
49.	Sahara Coal Co., Inc. #16	Saline	Harrisburg	J.A. Bottomley
50.	Sahara Coal Co., Inc. #20	Saline	Harrisburg	J.A. Bottomley
51.	Sahara Coal Co., Inc. #21	Saline	Harrisburg	J.A. Bottomley
52.	Southwestern Ill. Coal Corp. "Captain"	Perry	Percy	Dale E. Walker
53.	Southwestern Ill. Coal Corp. "Streamline"	Randolph	Percy	Dale E. Walker
54.	Tab Mining Co., Inc.	Jackson	Carbondale	John Wible
55.	The United Electric Coal Cos. #9	Fulton	Cuba	R.F. Donaldson
56.	The United Electric Coal Cos. #11	Perry	Du Quoin	R.F. Donaldson
57.	The United Electric Coal Cos. #17	Fulton	Canton	R.F. Donaldson
58.	The United Electric Coal Cos. #27	Peoria	Glasford	R.F. Donaldson
59.	V Day Coal Co., Inc.	Vermilion	Danville	K.L. Zamberletti
60.	Viola Materials Inc.	Mercer	Viola	Larry W. Brown
61.	* * * Ziegler Coal Co. Spartan #2	Randolph	Sparta	W.J. Orlandi
62.	* * * Ziegler Coal Co. "Murdock"	Douglas	Murdock	Gilbert Engram
63.	* * * * Ziegler Coal Co. #4	Williamson	Johnston City	Wm. Orlandi

## OF MINES—1971

Supt. of Mine	Local Mine Manager	Address of Main Office of Company	No.
F. R. Schroeder		105 So. Meridian St., Indianapolis, Ind. 46225	1
Gene Fithian		105 S. Meridian St., Indianapolis, Ind. 46225	2
George E. Martin		105 S. Meridian St., Indianapolis, Ind. 46225	3
Thomas R. Horn	Raymond L. Wilkins	P.O. Box 397, Marion, Ill. 62959	4
Asa Lee		214 Washington St. Drawer C, Carterville, Ill. 62918	5
John T. Brown		P.O. Box 268, Harrisburg, Ill. 62946	6
R. Prewitt		904 No. 12th St., Herrin, Ill.	7
Glen McCullough		P.O. Box 218, Pinckneyville, Ill. 62274	8
		P.O. Box 218, Pinckneyville, Ill. 62274	9
		P.O. Box 218, Pinckneyville, Ill. 62274	10
Wilson Moore	James White	P.O. Box 218, Pinckneyville, Ill. 62274	11
Larry A. Fitch		P.O. Box 185, Carrier Mills, Ill. 62917	12
		R.R. 1, Marion, Ill. 62959	13
Gene Grubaugh		P.O. Box 14743, St. Louis, Mo. 63178	14
Wm. Eveland		7811 Carondelet Ave., Clayton, Mo. 63105	15
Joseph W. Burke	Robert Hinkle	307 No. Michigan Ave., Chicago, Ill. 60601	16
Virgil Robinson	Peter M. Helmer	307 No. Michigan Ave., Chicago, Ill. 60601	17
Gene Hagston	Wayne Hankins	307 No. Michigan Ave., Chicago, Ill. 60601	18
Clifford Frye	Ralph Roach	307 No. Michigan Ave., Chicago, Ill. 60601	19
Ben Kincer	Howard O. Hill	307 No. Michigan Ave., Chicago, Ill. 60601	20
Lavern King	Andrew Jones	P.O. Box 27, R.R. 3, Marion, Ill. 62959	21
Dale Johnson	Dale Johnson	New Windsor, Ill. 61465	22
R. Shockley	D. E. Jones	Sesser, Ill. 62884	23
Edward W. Downen		P.O. Box 217, Shawneetown, Ill. 62984	24
		Creal Springs, Ill. 62922	25
Bernard Bhear	Lesley Lowe	Wyoming, Ill. 61491	26
Argle Marshall		Box 8, Trivoli, Ill. 61569	27
H. W. Jeffers	J. J. Sense	P.O. Box 8, Trivoli, Ill. 61569	28
Max Wasson		P.O. Box 8, Trivoli, Ill. 61569	29
Eugene Bond		P.O. Box 8, Trivoli, Ill. 61569	30
D. L. Gilmartin	A. B. Floyd	205 Oakland Ave., Carlinville, Ill. 62626	31
Stanley Cavinder	Don Williams, Haskell Murray and Charles Spille	10 So. Riverside Plaza, Chicago, Ill. 60606	32
Bill Scott	Ed Adkins, John Baker and Lester Gorgan	10 S. Riverside Plaza, Chicago, Ill. 60606	33
James Chady	Don Kellerman, Beverly Edwards and Robert Hitt	10 So. Riverside Plaza, Chicago, Ill. 60606	34
Al Costa		119 W. Market St., P.O. Box 159, Christopher, Illinois 62822	35
Gene Taglioli	Tom Herman	301 No. Memorial Dr., St. Louis, Mo. 63102	36
Wm. G. Urton	Gilbert Best	301 No. Memorial Dr., St. Louis, Mo. 63102	37
Wm. G. Urton	James Williams	301 No. Memorial Dr., St. Louis, Mo. 63102	38
William Walker	Robert Vargo	301 No. Memorial Dr., St. Louis, Mo. 63102	39
Clarence Frost	Robert Wallace	301 No. Memorial Dr., St. Louis, Mo. 63102	40
Warren A. Trotter		301 No. Memorial Dr., St. Louis, Mo. 63102	41
James O. Hendricks		301 No. Memorial Dr., St. Louis, Mo. 63102	42
Charles E. Moake	Wm. G. Hatfield	301 No. Memorial Dr., St. Louis, Mo. 63102	43
Sam Shifflett		301 No. Memorial Dr., St. Louis, Mo. 63102	44
R. D. Hoffman		301 No. Memorial Dr., St. Louis, Mo. 63102	45
Ken Storme		R.R. 2, Carterville, Ill. 62918	46
Carl Griffiths	Harold Hancock	59 E. Van Buren St., Chicago, Ill. 60605	47
John D. Heatherly	Richard S. Aymer	59 E. Van Buren St., Chicago, Ill. 60605	48
Charles Boyd	Wm. F. Pool	59 E. Van Buren St., Chicago, Ill. 60605	49
Tom Goldman	James Hill	59 E. Van Buren St., Chicago, Ill. 60605	50
Charles Boyd	Oval E. Hankins	59 E. Van Buren St., Chicago, Ill. 60605	51
Dale E. Walker	Donald McCaw	1514 Merchants Bank Bldg., Indianapolis, Ind. 46204	52
Laddie Green		1514 Merchants Bank Bldg., Indianapolis, Ind. 46204	53
John Wible	John Wible	Box 1168, Carbondale, Ill. 62901	54
R. S. McAdams	R. S. McAdams	307 No. Michigan Ave., Chicago, Ill. 60601	55
James F. Reid	James F. Reid	307 No. Michigan Ave., Chicago, Ill. 60601	56
R. D. Campbell		307 No. Michigan Ave., Chicago, Ill. 60601	57
A. H. Seeling		307 No. Michigan Ave., Chicago, Ill. 60601	58
K. L. Zamberletti	B. D. Cravens	R.R. #1, Ross Lane, Danville, Ill. 61832	59
Larry W. Brown		Box 416, Viola, Ill. 61486	60
Matt Pigford	Wm. H. Jones	208 So. LaSalle St., Chicago, Ill. 60604	61
Clyde Mandrell	Wm. Winingor	208 So. LaSalle St., Chicago, Ill. 60604	62
David Gulley	Clarence Stocks	208 So. LaSalle St., Chicago, Ill. 60604	63

\* Formerly known as Truax-Traer Coal Co.

\*\* Formerly known as Zeigler Coal &amp; Coke, Spartan

\*\*\* Formerly known as Moffat Coal Co., Murdock

\*\*\*\* Formerly known as Bell &amp; Zoller Coal Co. #4

**1 GENERAL - TABLE 2**  
**GENERAL STATEMENT WITH COMPARATIVE FIGURES—1967-1971**

	1971	1970	1969	1968	1967
<b>COUNTIES AND MINES</b>					
Number of counties producing coal .....	22	22	22	23	24
Number of mines operated .....	63	64	62	69	77
Number of underground mines .....	27	29	28	36	33
Number of strip mines .....	36	35	34	33	44
<b>OUTPUT IN TONS</b>					
All mines .....	58,415,239	64,884,103	64,832,584	62,143,076	64,814,771
Underground mines .....	29,453,926	31,615,570	30,172,627	26,084,430	27,650,000
Strip mines .....	28,961,313	33,268,533	34,659,957	36,058,646	37,164,771
<b>DISPOSITION</b>					
Tons handled by railroads .....	44,654,620	47,398,725	45,828,624	45,726,936	50,998,381
Tons loaded on barge for shipment .....	5,018,108	8,103,490	8,636,585	5,149,405	4,907,573
Tons disposed of otherwise .....	8,742,511	9,381,888	10,367,375	11,266,735	8,909,357
<b>EMPLOYEES</b>					
Underground mines .....	7,088	6,785	5,944	6,028	5,392
Strip mines .....	3,483	3,429	3,647	3,510	3,413
All mines .....	10,571	10,214	9,591	9,538	8,805
<b>AVERAGE DAYS WORKED</b>					
Underground mines .....	215	216	211	163	195
Strip mines .....	161	198	202	224	190
All mines .....	184	206	206	192	192
<b>MINING METHOD</b>					
Number of mining machines in use .....	44	53	51	60	61
Tons mined by machine .....	29,453,926	31,615,570	30,172,627	26,084,430	27,650,000
Tons mined by stripping .....	28,961,313	33,268,533	34,659,957	36,058,646	37,164,771
<b>LOADING</b>					
Number of mechanical loaders in use .....	44	63	74	81	83
Continuous mining machines in use .....	115	96	77	63	56
Tons loaded mechanically .....	29,453,926	31,612,749	30,169,400	26,081,079	27,647,178
Tons loaded by hand .....		2,821	3,227	3,351	2,822
<b>EXPLOSIVES</b>					
Pounds of explosives used for blasting overburden .....	54,132,574	69,023,993	70,053,593	53,989,104	57,068,823
Pounds of pellet powder used .....	40,000	40,000			175
Pounds of dynamite used .....	707,512	564,040	1,726,360	252,429	392,274
Pounds of permissible used .....	169,953	934,413	1,753,620	1,962,550	1,890,880
<b>HAULAGE</b>					
Number of motors used in under- ground haulage .....	89	49	78	90	95
<b>CASUALTY</b>					
Number of fatal accidents .....	15	15	12	15	20
Number of non-fatal accidents .....	535	618	521	494	524
Tons mined to one man killed .....	3,894,349	4,325,607	5,402,715	4,142,872	3,240,739
Tons mined to one man injured .....	109,187	104,990	124,439	125,796	123,692
Number employed to one man killed .....	704	681	799	636	440
Number employed to one man injured .....	20	17	18	19	17
<b>MISCELLANEOUS</b>					
Number of mines using closed lights .....	27	29	28	36	33
Number of mines using compressed air machines .....	15	13	15	19	19
Number of mines using Continuous Miner .....	19	19	16	13	8

II PRODUCTION—TABLE 3—AVERAGE MAN-DAY PRODUCTION—  
ALL MINES

County	Reports Tabulated	Man-Days	Tons Mined	Percent of Mines Reported	Average Tons Per Man-Day
CHRISTIAN					
Underground Mines	1	237,659	4,078,815	100%	17.2
Strip Mines					
DOUGLAS					
Underground Mines	1	47,470	926,278	100%	19.5
Strip Mines					
FRANKLIN					
Underground Mines	4	294,343	7,443,040	100%	25.3
Strip Mines					
FULTON					
Underground Mines					
Strip Mines	5	181,713	4,353,204	100%	24.0
GALLATIN					
Underground Mines	2	156,745	1,701,257	100%	10.9
Strip Mines	1	23,638	433,180	100%	18.3
JACKSON					
Underground Mines					
Strip Mines	2	3,129	87,061	100%	27.8
JEFFERSON					
Underground Mines	3	318,895	6,018,644	100%	18.9
Strip Mines	1	12,932	1,017,979	100%	78.7
JOHNSON					
Underground Mines					
Strip Mines	2	719	8,557	100%	11.9
KANKAKEE					
Underground Mines					
Strip Mines	1	38,352	705,846	100%	18.4
KNOX					
Underground Mines					
Strip Mines	1	31,886	1,431,781	100%	44.9
MACOUPIN					
Underground Mines	1	62,062	1,169,874	100%	18.9
Strip Mines					
MERCER					
Underground Mines	1	1,741	33,433	100%	19.2
Strip Mines	1	594	16,863	100%	28.3
MONTGOMERY					
Underground Mines	2	170,918	2,206,448	100%	12.9
Strip Mines					
PEORIA					
Underground mines					
Strip Mines	3	94,904	2,322,545	100%	24.5
PERRY					
Underground Mines					
Strip Mines	4	181,582	7,906,928	100%	43.5
POPE					
Underground Mines					
Strip Mines	1	195	7,012	100%	35.9
RANDOLPH					
Underground Mines	1	41,846	739,713	100%	17.7
Strip Mines	2	68,507	2,461,601	100%	35.9
ST. CLAIR					
Underground Mines	2	109,212	1,606,978	100%	14.7
Strip Mines	2	93,645	4,529,975	100%	48.4
SALINE					
Underground Mines	4	118,026	1,398,980	100%	11.9
Strip Mines	4	39,996	1,033,646	100%	25.8
STARK					
Underground Mines					
Strip Mines	1	31,124	659,013	100%	21.2
VERMILION					
Underground Mines	1	4,837	32,272	100%	6.7
Strip Mines					
WILLIAMSON					
Underground Mines	4	140,091	2,098,194	100%	15.0
Strip Mines	4	82,754	1,986,122	100%	24.0

# MINES SUSPENDING OPERATIONS DURING 1971 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of last operation
L-131	Brown Brothers Excavating	Saline	November
L-10	Deaton Coal Co.	Johnson	April
L-11	Knickerbocker Coal Co.	Johnson	October
L-72	Royal Mining Co.	Jackson	June
L-260	Charles V. Shoot Pit #1	Fulton	September
L-63	Viola Materials Corporation	Mercer	February

# MINES ABANDONED DURING 1971 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of last operation
L-129	Brown Brothers Excavating	Saline	April
L-215	Deep Valley Coal Co.	Vermilion	April
S-4	Freeman Coal Mng. Corp. (Crown)	Montgomery	November
S-55	Houston Coal Co. #2	Saline	January
L-90	Peabody Coal Co., Midwest Mine (Strip)	St. Clair	January
S-14	United Electric Coal Co. #9	Fulton	May

# MINES REOPENED DURING 1971

Mine Index No.	Name of Operator When Mine Suspended Operations	Month and Year of Last Operation	County	Name of Operator when Mine Reopened	Month Reopened
L-8	New Burnside Coal Company	Jan. 1970	Johnson	New Burnside Coal Co.	June



## NEW MINES OPENED—1971

Mine Index No.	Operator	County	Month Mine Opened
S-107	* Amax Coal Co., Delta Mine #5	Williamson	September
S-35	Amax Coal Co., Leahy Mine	Perry	November
S-1	Amax Coal Co., Wabash Mine #1	Wabash	October
L-131	Brown Brothers Excavating	Saline	May
L-10	Deaton Coal Co.	Johnson	January
L-130	Jader Fuel Co. #1	Saline	July
S-20	Peabody Coal Co., Baldwin No. 1 Mine	Randolph	June
L-260	Charles V. Shoot Pit #1	Fulton	May

\* Development temporarily suspended

## NAME CHANGES DURING 1971

Mine Index No.	Former Name of Company	County	Present Name of Company	Month Name Changed
S-4	Ayrshire Coal Co. Inc. Div. AMAX, Delta Mine	Williamson	Amax Coal Co., Delta Mine	December
S-35	Ayrshire Coal Co., Inc. Div. AMAX, Leahy Mine	Perry	Amax Coal Co., Leahy Mine	December
S-43	Ayrshire Coal Co., Inc. Div. AMAX, Sun-Spot Mine	Fulton	Amax Coal Co., Sun-Spot Mine	December
S-1	Ayrshire Coal Co., Div. AMAX, Wabash Mine	Wabash	Amax Coal Co., Wabash Mine	December
S-83	Bell & Zoller Coal Co., Zeigler Mine #4	Williamson	Zeigler Coal Co., Zeigler Mine #4	August
S-1	Moffat Coal Co., Murdock Mine	Douglas	Zeigler Coal Co., Murdock Mine	August
S-33	Truax-Traer Coal Co. Div. Consolidation Coal Co. Burning Star Mine #2	Perry	Consolidation Coal Co. Midwestern Division Burning Star Mine #2	August
S-19	Truax-Traer Coal Co. Div. Consolidation Coal Co. Burning Star Mine #3	Randolph	Consolidation Coal Co. Midwestern Div. Burning Star Mine #3	August
S-5	Truax-Traer Coal Co. Div. Consolidation Coal Co. Hillsboro Mine	Montgomery	Consolidation Coal Co. Midwestern Div. Hillsboro Mine	August
S-44	Truax-Traer Coal Co. Div. Consolidation Coal Co. Norris Mine	Fulton	Consolidation Coal Co. Midwestern Div. Norris Mine	August
S-17	Zeigler Coal & Coke Co. Spartan Mine	Randolph	Zeigler Coal Co., Spartan Mine	August



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## II *Production*

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## II PRODUCTION—TABLE 4—OUTPUT OF SHIPPING MINES BY MONTHS—1966—1968—All Mines 1969-1971

Months	1966	1967	1968	1969	1970	1971
January	4,834,310	5,263,614	5,222,196	5,368,472	5,477,033	5,420,220
February	4,471,223	4,876,129	5,061,249	5,294,834	5,425,055	4,987,849
March	5,234,920	5,641,346	5,159,998	5,711,902	5,808,677	6,100,095
April	4,537,566	4,975,839	5,241,091	5,334,370	5,455,750	5,963,093
May	4,875,371	5,423,501	5,093,471	5,782,223	5,161,685	5,495,175
June	4,560,748	4,817,646	4,310,539	4,891,092	4,809,562	5,440,305
July	3,616,902	4,111,122	4,630,767	3,684,698	4,447,015	4,526,734
August	5,521,892	5,239,740	5,267,343	5,656,012	5,463,167	6,005,032
September	5,202,639	4,833,222	4,939,876	5,459,082	5,591,627	5,736,057
October	5,445,522	5,222,538	4,094,002	6,189,806	5,769,822	263,036
November	5,369,627	5,321,067	4,610,368	5,419,378	5,348,570	2,658,630
December	5,501,233	4,762,757	4,039,771	6,040,715	6,126,140	5,819,013
TOTAL	59,261,953	60,488,521	57,670,671	64,832,584	64,884,103	58,415,239

## II PRODUCTION—TABLE 5—NUMBER OF SHIPPING MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1966—1968 ALL MINES—1969-1971

Months	1966		1967		1968		1969		1970		1971	
	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days
January	48	20	46	21	45	22	53	21	54	21	54	20
February	48	19	46	20	45	20	56	18	54	19	56	18
March	48	21	46	22	44	20	58	21	54	21	56	22
April	46	19	47	20	45	19	56	18	53	20	57	20
May	46	20	46	21	42	19	54	20	54	19	56	19
June	47	19	46	18	40	16	54	18	54	19	54	19
July	48	15	46	16	42	18	50	16	53	18	54	16
August	46	22	46	21	42	21	50	21	55	17	54	22
September	46	21	46	20	40	20	53	21	56	20	53	21
October	46	21	47	22	41	17	51	23	56	21	11	17
November	48	21	47	21	41	19	53	19	61	18	54	10
December	47	21	46	19	39	18	54	21	59	21	56	21

## II PRODUCTION—TABLE 6—RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OR MORE—1967-1971

County	RANK	1971	RANK	1970	RANK	1969	RANK	1968	RANK	1967
Perry	1	7,906,928	1	8,389,306	1	8,907,937	1	9,108,937	1	9,321,683
Franklin	2	7,443,040	2	8,324,034	2	8,558,322	4	7,075,440	3	7,577,422
Jefferson	3	7,036,623	3	6,442,612	6	4,661,242	8	3,184,034	9	3,031,159
St. Clair	4	6,136,953	4	6,173,858	4	5,791,826	3	7,097,115	4	6,831,244
Fulton	5	4,353,204	5	6,080,343	3	6,130,908	2	7,281,188	2	8,044,017
Williamson	6	4,084,316	6	4,999,876	7	4,640,854	6	5,218,263	5	6,714,704
Christian	7	4,078,815	7	4,999,783	5	5,415,880	5	5,329,521	6	5,700,014
Randolph	8	3,201,314	8	3,600,863	8	3,845,031	7	3,955,797	7	4,414,898
Saline	9	2,432,626	12	2,420,155	10	2,808,069	10	2,575,028	10	2,590,461
Peoria	10	2,322,545	11	2,698,913	11	2,736,888	12	1,743,252	11	1,477,832
Montgomery	11	2,206,448	10	2,732,223	9	3,263,547	9	3,099,046	8	3,549,158
Gallatin	12	2,134,437	9	2,898,740	12	2,621,906	13	1,036,536		
Knox	13	1,431,781	13	1,675,974	13	1,776,971	11	1,792,649	12	1,248,924
Macoupin	14	1,169,874								
Douglas	15	926,278	14	1,140,162	15	913,284	16	653,830	14	745,786
Kankakee	16	705,846	15	976,019	14	1,028,113	14	962,484	13	753,756
Stark	17	659,013	16	727,568	16	876,517	17	557,128	17	574,069

II PRODUCTION—TABLE 7—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER OF EMPLOYEES IN ALL SHIPPING MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1968 INCLUSIVE, \* ALL MINES—1969-1971

Years	All mines				Strip mines				Percentage of strip mines		
	Number of—		Average days worked	Tons produced	Number of—		Average days worked	Tons produced	Percentage of strip mines		
	Mines	Men			Mines	Men			Mines	Men	Tons
1920	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924	338	85,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925†	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54
1935	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.72
1936	176	40,011	153	47,285,587	30	2,803	141	8,873,299	17.04	7.00	18.16
1937	168	38,553	152	48,062,076	30	3,133	152	11,176,074	17.85	8.12	23.25
1938	149	35,247	135	38,442,859	25	2,881	153	10,058,999	16.77	8.17	26.16
1939	146	33,034	141	42,994,107	26	2,854	170	11,295,547	17.80	8.63	26.27
1940	139	29,695	140	46,071,806	27	2,873	176	12,024,635	18.7	9.6	26.1
1941	143	30,258	168	51,033,319	30	3,169	175	13,367,089	20.9	10.4	26.1
1942	141	30,022	201	61,124,628	28	3,495	209	15,937,681	20.5	11.8	26.1
1943	141	28,753	241	68,971,621	26	3,431	212	15,484,712	18.0	11.9	22.0
1944	157	29,010	230	73,958,923	31	3,730	204	17,108,528	19.7	12.8	23.1
1945	159	28,198	224	70,322,301	37	3,481	198	16,203,763	23.2	12.3	22.0
1946	160	29,745	196	60,932,785	36	3,479	166	14,302,739	22.7	11.7	23.5
1947	160	29,544	220	64,612,627	38	3,702	208	17,827,339	22	12.5	27.4
1948	160	29,803	186	62,494,412	45	4,064	172	16,758,306	28.1	13.6	26.8
1949	157	28,520	133	44,772,617	45	4,248	120	12,835,980	28.6	14.9	28.6
1950	149	28,246	161	54,356,918	39	3,729	151	16,469,126	26.1	13.2	30.3
1951	136	26,936	158	52,595,098	33	3,429	191	17,289,932	24.3	12.7	32.9
1952	111	21,674	151	43,274,400	27	3,066	175	15,340,989	24.3	14.1	35.5
1953	97	17,201	153	43,847,321	29	3,076	168	15,495,734	29.9	17.8	35.3
1954	87	15,252	152	40,017,802	28	2,889	168	15,388,078	32.2	18.8	38.5
1955	85	12,418	169	43,880,729	35	2,879	170	17,535,630	41.2	23.2	40.0
1956	88	11,857	167	45,538,998	42	3,038	157	18,041,603	47.7	25.6	39.6
1957	92	11,604	164	44,532,214	50	3,154	150	18,439,200	54.3	27.2	41.4
1958	85	10,313	158	41,856,967	49	3,402	141	19,318,772	57.6	33.0	46.1
1959	83	10,027	162	43,515,737	46	3,185	152	20,532,528	55.4	31.8	47.2
1960	78	9,772	171	43,703,382	40	3,168	167	20,946,982	51.3	32.4	47.9
1961	67	8,252	177	42,825,911	36	3,114	181	20,999,859	53.7	37.7	49.0
1962	64	7,892	182	45,262,974	37	2,984	183	22,482,457	57.8	37.8	49.7
1963	67	8,002	187	48,375,564	42	3,089	177	25,194,264	65.7	38.6	52.1
1964	68	8,225	185	51,888,467	40	3,091	186	27,863,966	58.8	37.6	53.7
1965	63	8,135	195	55,452,130	39	3,053	173	30,714,714	61.9	37.5	55.4
1966	56	8,298	200	59,261,953	35	3,143	195	33,726,863	62.5	37.9	56.9
1967	52	8,054	261	60,488,521	32	3,129	210	34,794,177	61.5	38.8	57.5
1968	48	8,547	202	57,670,671	25	3,173	219	34,142,920	52.1	37.1	59.2
1969	62	9,591	206	64,832,584	34	3,647	202	34,659,957	54.8	38.0	53.5
1970	64	10,214	206	64,884,103	35	3,429	198	33,268,533	54.7	33.6	51.3
1971	63	10,571	184	58,415,239	36	3,483	161	28,961,313	57.1	32.9	49.6

† From July 1, 1924 to December 31, 1925.

\* Statistics from 1969 to present not comparable with those for prior years as they include local mines which were not reported previously in this table.

II PRODUCTION—TABLE 8—MINES AND PRODUCTION

	1970		1971		Increase (+) Decrease (—)		Percent of Increase (+) Decrease (—)	
	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons
All Mines	63	58,415,239	64	64,884,103	—1	—6,468,864	—1.6	—9.96

## II PRODUCTION—TABLE 9—OUTPUT OF ALL MINES

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
CHRISTIAN COUNTY											
S-8	Peabody Coal Co. ....	#10	Pawnee	21	398,345	19	366,196	21	409,180	21	371,990
DOUGLAS COUNTY											
S-1*	Zeigler Coal Company .....		Murdock	24	96,659	24	92,491	26	104,618	25	94,121
FRANKLIN COUNTY											
S-23	Old Ben Coal Corp. ....	#21	Sesser	25	224,941	24	202,757	27	235,269	25	207,145
S-24	Freeman Coal Mining Corp. ....	#5	West Frankfort	24	112,330	21	103,290	27	122,370	23	120,656
S-25	Old Ben Coal Corp. ....	#24	Benton	25	270,835	24	269,837	27	282,642	25	239,213
S-26	Old Ben Coal Corp. ....	#26	Sesser	25	234,087	23	184,982	27	195,810	25	205,041
Average Days and Total Tons				25	842,193	24	760,866	27	836,091	25	772,055
FULTON COUNTY											
S-14	The United Electric Coal Cos. ....	#9	Cuba	16	48,632	15	50,795	19	67,875	16	54,610
S-15	The United Electric Coal Cos. ....	#17	Canton	20	152,213	20	127,059	24	180,686	25	192,817
S-40	Midland Coal Co. ....	Bright Star	Fairview	22	34,238	23	33,615	24	36,894	23	36,852
S-43	Ayrshire Coal Co., Div. of Amax	Sun Spot	Vermont	25	87,578	19	69,197	22	82,139	20	76,106
S-44	Consolidation Coal Co. ....	Norris	Norris	15	80,368	21	105,135	23	147,966	21	130,779
Average Days and Total Tons				20	403,029	20	385,801	22	515,560	21	491,164
GALLATIN COUNTY											
S-1	Peabody Coal Co. ....	Eagle Strip	Shawneetown	9	26,077	17	47,513	15	25,361	16	30,550
S-2	Peabody Coal Co. ....	Eagle #1	Shawneetown	16	43,622	20	64,554	26	92,630	23	72,468
S-3	Peabody Coal Co. ....	Eagle #2	Shawneetown	18	108,860	19	117,421	25	143,319	24	122,837
Average Days and Total Tons				14	178,559	19	229,488	22	261,310	21	225,855
JACKSON COUNTY											
L-70	Tab Mining Co. ....	#3	Carbondale	16	8,245	11	5,104	10	4,143	11	6,485
L-72	Royal Mining Co. ....		Carterville	16	8,245	11	5,104	10	3,500	16	2,230
Average Days and Total Tons				16	8,245	11	5,104	10	7,643	14	8,715

\* Operated as Moffat Coal Co. for first six months.

## AND DAYS WORKED EACH MONTH IN 1971

Number of days in operation and tons of coal mined																	Mine index number	
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days		Tons
20	377,766	20	414,456	15	276,968	20	389,532	21	447,079			10	201,365	21	425,938	209	4,078,815	S-8
21	84,481	18	78,793	18	74,423	26	105,303	24	89,461			10	34,628	19	71,300	235	926,278	S-1
24	193,614	22	145,551	19	121,343	26	188,073	25	197,548			9	52,753	24	207,210	250	1,976,204	S-23
23	99,340	26	99,330	14	57,620	26	128,082	24	86,670			9	39,234	21	93,851	238	1,062,773	S-24
23	211,767	22	197,615	19	184,977	26	244,479	23	207,936			9	77,477	25	241,896	248	2,428,674	S-25
24	205,740	22	188,011	19	162,529	25	191,172	23	154,508			8	55,205	25	198,304	246	1,975,389	S-26
24	710,461	24	630,507	18	526,469	26	751,806	24	646,662			9	224,669	24	741,261	291	7,443,040	
6	19,164															72	241,076	S-14
22	168,107	21	144,205	13	89,695	23	156,082	25	149,876			13	78,844	26	172,001	232	1,611,585	S-15
20	30,918	20	33,325	10	16,683	16	26,768	17	27,017			9	12,948	15	14,854	199	304,112	S-40
20	75,274	18	57,238	13	32,798	20	60,611	20	71,402			13	48,632	24	91,403	214	752,378	S-43
20	136,280	20	147,606	22	161,819	22	163,798	22	170,215			9	56,644	23	143,443	218	1,444,053	S-44
18	429,743	20	382,374	15	300,995	20	407,259	21	418,510			11	197,068	22	421,701	187	4,353,204	
12	23,589	17	37,335	22	49,808	23	53,412	22	58,781			9	21,545	23	59,209	185	433,180	S-1
20	64,833	18	52,254	22	43,591	23	62,693	21	42,996			9	17,462	23	66,969	221	624,072	S-2
21	129,763	22	103,901	21	73,916	18	97,123	22	79,408			9	25,618	23	75,019	222	1,077,185	S-3
18	218,185	19	193,490	22	167,315	21	213,228	22	181,185			9	64,625	23	201,197	209	2,134,437	
12	8,760	16	7,000	18	10,140	16	9,440	14	7,767			6	2,214	14	10,033	144	79,331	L-70
12	2,000															38	7,730	L-72
12	10,760	16	7,000	18	10,140	16	9,440	14	7,767			6	2,214	14	10,033	91	87,061	

II PRODUCTION—TABLE 9—OUTPUT OF ALL MINES

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
	JEFFERSON COUNTY										
S-3	Freeman Coal Mining Corp.	#3	Waltonville	22	255,464	20	232,864	24	259,003	24	256,997
S-5	Inland Steel Company		Sesser	21	197,165	18	142,847	24	203,883	23	207,255
S-6	Freeman Coal Mining Corp.	#6	Waltonville	23	170,102	19	170,747	25	218,827	20	219,734
S-7	Eads Coal Company		Belle Rive	19	91,300	14	58,400	18	89,200	17	87,218
	Average Days and Total Tons			21	714,031	18	604,858	23	770,913	21	771,204
	JOHNSON COUNTY										
L-8	New Burnside Coal Co.	#1	Christopher							22	2,041
L-10	Deaton Coal Co.		New Burnside			20	1,885	14	903	16	549
L-11	Knickerbocker Coal Co.		Creal Springs			2	174	4	191		
	Average Days and Total Tons					11	2,059	9	1,094	19	2,590
	KANKAKEE COUNTY										
S-1	Peabody Coal Co.	Northern	South Wilmington	22	81,752	22	73,937	23	85,293	18	60,772
	KNOX COUNTY										
S-4	Midland Coal Co.	Mecco	Victoria	20	106,837	21	109,332	23	149,026	21	142,078
	MACOUPIN COUNTY										
S-19	Monterey Coal Co.	#1	Carlinsville	20	100,697	20	94,204	23	129,396	20	103,962
	MERCER COUNTY										
L-62	Hazel Dell Coal Corp.	#1	New Windsor	21	3,910	20	3,033	23	3,152	21	3,515
L-63	Viola Materials, Inc.		Viola	9	4,555	6	4,164				
	Average Days and Total Tons			15	8,465	13	7,197	23	3,152	21	3,515
	MONTGOMERY COUNTY										
S-4	Freeman Coal Mining Corp.	Crown	Farmersville	16	106,200	19	134,766	23	169,293	17	111,133
S-5	Consolidation Coal Co.	"Hillsboro"	Coffeen	20	80,648	20	80,059	23	99,109	21	109,541
	Average Days and Total Tons			18	186,848	20	214,825	23	268,402	19	220,674
	PEORIA COUNTY										
S-4	Midland Coal Company	Elm	Trivoli	17	62,891	19	78,159	21	111,539	21	135,738
L-150	Midland Coal Company	Edwards	Edwards	24	54,874	24	57,534	27	62,573	25	61,781
L-164	The United Electric Coal Co's.	#27	Glasford	22	62,405	20	57,430	23	66,613	21	61,341
	Average Days and Total Tons			21	180,170	21	193,123	24	240,725	22	258,860



## AND DAYS WORKED EACH MONTH IN 1971—Continued

Number of days in operation and tons of coal mined																	Mine index number	
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days		Tons
21	232,471	23	218,790	13	120,906	22	227,845	21	220,567	..	.....	6	67,873	23	246,297	219	2,339,077	S-3
21	199,484	19	178,578	16	155,748	23	212,092	19	131,975	..	.....	7	60,192	21	170,606	212	1,859,825	S-5
20	179,397	22	165,043	13	82,511	23	190,926	22	194,190	..	.....	8	41,492	19	186,773	214	1,819,742	S-6
19	72,828	17	56,102	16	89,064	21	100,601	19	93,547	14	75,733	19	105,916	19	98,070	212	1,017,979	S-7
20	684,180	20	618,513	15	448,229	22	731,464	20	640,279	14	75,733	10	275,473	21	701,746	218	7,036,623	
..	.....	6	386	..	.....	2	140	..	.....	..	.....	..	.....	..	.....	30	2,567	L-8
4	225	..	..	22	1,527	..	.....	..	.....	..	.....	10	336	3	200	72	4,864	L-10
..	.....	..	..	..	.....	..	.....	..	.....	..	.....	..	.....	..	.....	23	1,126	L-11
4	225	6	386	22	1,527	2	140	..	.....	..	.....	10	336	3	200	42	8,557	
8	28,004	18	63,302	16	61,514	21	76,187	17	61,529	..	.....	13	41,318	24	72,238	202	705,846	S-1
19	116,481	19	131,974	14	106,780	22	174,663	22	175,675	..	.....	10	55,084	23	163,851	214	1,431,781	S-4
22	103,703	21	105,259	21	105,093	22	121,885	20	115,906	..	.....	10	55,167	22	134,602	221	1,169,874	S-19
20	2,227	20	4,222	20	1,715	22	1,542	21	1,268	21	1,147	21	3,851	23	3,851	253	33,433	L-62
..	.....	..	.....	..	.....	..	.....	..	.....	..	.....	17	845	22	7,299	54	16,863	L-63
20	2,227	..	4,222	20	1,715	22	1,542	21	1,268	21	1,147	19	4,696	23	11,150	154	50,296	
20	127,686	19	115,392	8	48,198	21	132,939	21	147,625	..	.....	..	.....	..	.....	164	1,093,232	S-4
20	101,048	16	87,001	15	93,617	22	136,597	20	124,501	..	.....	9	50,907	22	150,188	208	1,113,216	S-5
20	228,734	18	202,393	12	141,815	22	269,536	21	272,126	..	.....	9	50,907	22	150,188	186	2,206,448	
24	152,820	23	132,854	11	61,430	20	116,216	20	120,079	..	.....	10	55,292	21	90,081	207	1,117,099	S-4
25	60,789	24	57,848	16	30,850	21	47,683	25	60,589	..	.....	11	32,219	23	54,709	245	581,449	L-150
21	61,466	19	57,323	15	42,858	22	64,803	20	60,563	..	.....	10	28,429	21	60,766	214	623,997	L-164
23	275,075	22	248,025	14	135,138	21	228,702	22	241,231	..	.....	10	115,940	22	205,556	222	2,322,545	

II PRODUCTION—TABLE 9—OUTPUT OF SHIPPING MINES

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
PERRY COUNTY											
S-14	The United Electric Coal Co.	#11	Du Quoin	20	158,053	18	95,649	25	168,058	24	174,350
S-33	Consolidation Coal Co. Burning Star	#2	Du Quoin	22	190,981	18	128,685	25	216,368	23	220,995
S-34	Southwestern Ill. Coal Corp.	Captain	Percy	8	163,319	4	89,972	16	191,443	24	436,439
S-35	Ayrshire Coal Co., Div. of Amax	Leahy	Campbell Hill								
Average Days and Total Tons				17	512,353	13	314,306	22	575,869	24	831,784
POPE COUNTY											
L-3	E & L Coal Co.		Marion	5	825	5	767	8	788	6	694
RANDOLPH COUNTY											
S-7	Southwestern Ill. Coal Corp.	Streamline	Percy	25	132,790	24	128,617	27	151,085	25	134,872
S-17	* Zeigler Coal Co.	Spartan #2	Sparta	20	70,506	20	72,789	22	76,858	21	73,107
S-19	Consolidation Coal Co., Midwestern Div.	#3	Sparta	21	102,527	21	112,168	22	110,742	23	116,132
Average Days and Total Tons				22	305,823	22	313,574	24	338,685	23	324,111
ST. CLAIR COUNTY											
S-94	Peabody Coal Co.	River King Strip	Lenzburg	25	462,745	22	439,110	25	457,157	24	407,628
S-97	Peabody Coal Co.	River King U.G. #1	Freeburg	24	66,181	22	70,069	25	87,960	24	95,393
L-90	Peabody Coal Co.	Midwest Strip	Millstadt	5	6,077						
L-98	Peabody Coal Co.	Midwest #3	Millstadt	21	56,154	20	57,830	24	68,432	20	50,257
Average Days and Total Tons				19	591,157	21	567,009	25	613,549	23	553,278
SALINE COUNTY											
S-1	Sahara Coal Co., Inc.	#6	Harrisburg	21	77,826	17	58,909	18	64,365	20	75,340
S-16	Sahara Coal Co., Inc.	#5	Harrisburg	20	32,296	18	43,703	20	41,028	22	45,739
S-39	Sahara Coal Co., Inc.	#16	Harrisburg	20	45,972	17	40,052	21	40,469	22	28,452
S-56	Sahara Coal Co., Inc.	#20	Harrisburg	20	42,537	17	50,490	22	57,420	22	60,413
S-57	Sahara Coal Co., Inc.	#21	Harrisburg			5	399	22	7,403	21	14,902
L-128	Big Ridge Coal Co.	#1	Carterville	24	5,981	18	835	27	7,301	26	6,777
L-130	Jader Fuel Co.		Shawneetown								
L-131	Brown Bros. Excavating Co.	#2	Harrisburg							18	1,433
Average Days and Total Tons				21	204,612	15	194,388	22	217,986	22	233,056

\* Operated as Zeigler Coal and Coke Co. for first six months.

## AND DAYS WORKED EACH MONTH IN 1971—Continued

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
22	158,848	18	133,021	17	129,018	25	183,203	22	163,761	..	..	12	87,199	21	147,913	224	1,599,073	S-14
25	240,384	24	278,458	23	308,500	22	269,532	23	267,347	..	..	9	120,475	24	264,957	238	2,506,682	S-33
25	388,606	25	462,810	26	407,384	21	441,600	20	316,400	..	..	12	252,113	25	451,660	206	3,601,746	S-34
										..	..	6	27,570	24	171,857	30	199,427	S-35
26	787,838	22	874,289	22	844,902	23	894,335	22	747,508	..	..	10	487,357	24	1,036,387	185	7,906,928	
5	394	6	766	4	479	8	907	8	1,042	..	..	5	200	5	150	65	7,012	L-3
24	120,386	22	112,398	19	102,956	25	132,842	25	127,902	..	..	13	69,969	25	138,398	254	1,352,215	S-7
20	71,857	16	55,871	15	55,186	22	82,970	20	71,256	..	..	9	34,505	22	74,808	207	739,713	S-17
23	82,858	17	72,701	25	119,079	25	132,652	25	140,478	..	..	10	44,695	24	75,354	236	1,109,386	S-19
22	275,101	18	240,970	20	277,221	24	348,464	23	339,636	..	..	11	149,169	24	288,560	232	3,201,314	
23	441,389	24	425,924	25	444,132	26	408,246	23	458,904	..	..	12	250,569	23	328,094	252	4,523,898	S-94
19	70,800	25	110,606	24	107,955	24	115,576	23	124,866	..	..	12	54,646	23	123,104	245	1,027,156	S-97
20	45,647	19	51,791	15	36,330	19	50,850	21	54,117	12	27,843	10	25,800	22	54,771	223	579,822	L-90
21	557,836	23	588,321	21	588,417	23	574,672	22	637,887	12	27,843	11	331,015	23	505,969	181	6,136,953	L-98
16	58,716	20	80,339	12	51,571	24	100,682	22	94,895	14	68,274	13	76,885	20	101,791	217	909,593	S-1
17	32,397	19	38,982	13	25,591	22	45,108	19	41,059	13	24,157	16	26,554	20	31,014	219	427,628	S-16
15	14,457	19	21,911	13	21,121	22	26,902	21	24,261	14	14,185	12	8,947	17	9,115	213	295,844	S-39
15	38,836	18	46,351	13	24,111	21	41,219	21	38,099	14	29,179	18	31,152	22	49,121	223	508,928	S-56
15	11,409	15	10,316	13	14,653	22	21,044	21	22,292	10	10,336	12	13,421	22	40,405	178	166,580	S-57
24	3,455	25	7,254	26	1,666	26	4,760	25	12,477	25	4,867	11	4,168	21	8,330	278	67,871	L-128
25	3,424	26	6,508	27	7,495	26	6,329	26	5,492	24	1,600	..	..	21	8,000	45	9,600	L-130
18	162,694	20	211,661	17	146,208	23	246,044	22	238,575	17	158,313	14	164,422	20	254,667	197	2,432,626	L-131

II PRODUCTION—TABLE 9—OUTPUT OF SHIPPING MINES AND

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
S-1	STARK COUNTY Midland Coal Co. . . . .	Allendale . . . . .	Wyoming . . . . .	18	69,192	17	50,372	22	69,774	22	67,135
L-220	VERMILION COUNTY V Day Coal Co. . . . .	. . . . .	Danville . . . . .	20	4,826	21	4,991	17	3,566	13	2,307
S-4	WILLIAMSON COUNTY Ayrshire Coal Co., Div. of Amax . . . . .	Delta . . . . .	Marion . . . . .	21	92,459	20	85,507	22	107,045	21	97,753
S-83	Zeigler Coal Company . . . . .	#4 . . . . .	Johnston City . . . . .	19	75,963	19	85,523	23	121,546	21	98,238
S-92	Forsyth-Energy, Inc. . . . .	Energy . . . . .	Herrin . . . . .	14	33,277	16	32,186	18	31,748	11	17,932
S-99	Freeman Coal Mining Corp. . . . .	#4 . . . . .	Marion . . . . .	21	110,810	18	93,736	25	132,390	23	112,579
S-100	Peabody Coal Co. . . . .	Will . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
L-47	Barbara Kay Coal Co., Inc. . . . .	Scarlet . . . . .	Stonefort . . . . .	20	81,745	20	85,595	21	84,416	20	83,112
L-195	Harrisburg Coal Co. . . . .	. . . . .	Marion . . . . .	22	17,027	21	11,740	22	11,092	9	3,871
L-254	Cold Water Coal Co. . . . .	. . . . .	Herrin . . . . .	21	14,321	21	8,674	23	9,238	17	9,688
	Average Days and Total Tons . . . . .	. . . . .	. . . . .	20	425,602	19	402,961	22	497,475	17	423,173
	GRAND TOTAL . . . . .	. . . . .	. . . . .	20	5,420,220	18	4,987,849	22	6,100,095	20	5,963,093

## DAYS WORKED EACH MONTH IN 1971—Continued

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
21	64,895	19	62,948	18	63,100	22	74,322	24	74,447	..	.....	9	21,831	21	40,997	213	659,013	S-1
7	1,386	12	2,886	5	816	15	2,788	15	3,652	..	.....	7	1,591	18	3,463	150	32,272	L-220
19	86,507	19	85,151	18	87,370	25	114,459	21	101,522	..	.....	12	52,298	22	101,909	220	1,011,980	S-4
20	88,883	18	62,729	14	44,221	21	71,188	21	78,773	..	.....	8	35,144	21	81,232	205	843,440	S-83
11	13,019	16	38,937	14	28,540	19	32,286	16	25,948	..	.....	9	14,752	20	33,364	164	301,989	S-92
21	108,527	23	116,394	12	50,479	23	115,506	23	100,868	..	.....	6	35,431	21	99,193	216	1,075,913	S-99
19	67,828	16	64,451	7	23,337	9	34,729	15	59,607	..	.....	9	33,528	16	52,481	172	670,829	S-100
20	2,576	13	3,347	15	5,450	21	7,605	20	10,909	..	.....	4	8,402	20	8,356	187	90,375	L-47
15	7,666	18	6,761	12	8,073	22	7,040	21	17,005	..	.....	..	..	..	..	170	88,466	L-195
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	1,324	6	1,324	L-254
18	375,006	18	377,770	13	247,470	20	382,813	20	394,632	..	.....	7	179,555	16	377,859	168	4,084,316	
19	5,495,175	19	5,440,305	16	4,526,734	22	6,005,032	21	5,736,057	17	263,036	10	2,658,630	21	5,819,013	18	58,415,239	

## II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade

## CHRISTIAN

S-8	Peabody Coal Company #10 .....	Pawnee .....	* 4,078,815	987,871	1,385	.....	363,348 +2,723,115
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## DOUGLAS

S-1*	Zeigler Coal Company .....	Murdock .....	926,278	180,699	.....	.....	745,579
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## FRANKLIN

S-23	Old Ben Coal Corporation #21 .....	Sesser	1,976,204	1,933,134	.....	.....	42,346
S-24	Freeman Coal Mining Corp. #5 .....	West Frankfort	1,062,773	1,058,384	.....	.....	4,389
S-25	Old Ben Coal Corporation #24 .....	Benton	2,428,674	2,428,674	.....	.....	.....
S-26	Old Ben Coal Corporation #26 .....	Sesser	1,975,389	1,974,406	.....	.....	983
Total 4 mines .....			7,443,040	7,394,598	.....	.....	47,718

## FULTON

S-14	The United Electric Coal Cos. #9 .....	Cuba .....	241,076	240,698	.....	.....	.....
S-15	The United Electric Coal Cos. #17 .....	Canton .....	1,611,585	1,009,880	.....	600,807	.....
S-40	Midland Coal Company, "Bright Star" .....	Fairview .....	304,112	304,112	.....	.....	.....
S-43	Ayrshire Coal Co., Div. of Amax "Sun Spot" .....	Vermont .....	752,378	186,804	.....	212,263	349,476
S-44	Consolidation Coal Co., Midwestern Div. "Norris" .....	Norris .....	1,444,053	721,737	618,287	.....	104,029
Total 5 Mines .....			4,353,204	2,463,231	618,287	813,070	453,505

## GALLATIN

S-1	Peabody Coal Co., Eagle Strip .....	Shawneetown	433,180	.....	.....	433,180	.....
S-2	Peabody Coal Co., Eagle #1 .....	Shawneetown	624,072	.....	.....	624,072	.....
S-3	Peabody Coal Co., Eagle #2 .....	Shawneetown	1,077,185	.....	.....	1,077,185	.....
Total 3 Mines .....			2,134,437	.....	.....	2,134,437	.....

## JACKSON

L-70	Tab Mining Company .....	Carbondale .....	79,331	.....	.....	.....	79,331
L-72	Royal Mining Co. ....	Carterville .....	7,730	7,730	.....	.....	.....
Total 2 Mines .....			87,061	7,730	.....	.....	79,331

\* Tipple located in Christian County, 1,830,615 tons mined in Christian County - 1,002,746 tons mined in Sangamon County - 1,245,454 tons mined in Montgomery County.

\* \* Name changed from Moffat Coal Co., July 1, 1971.

† Belted to Kincaid station.

TABLE 10

Tons consumed at the mine	All coal not sold including waste	Total Employees	Days of active operation	Explosives used for blasting coal				Number of		Tons mined by machine	Tons mined in strip mines	Number
				Explosives used to blast overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors			

## COUNTY

3,096		932	209	a	16			c	3 9	4,078,815		S-8
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## COUNTY

		202	235	a	7			2		926,278		S-1* *
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## COUNTY

724		362	250					c	10	1,976,204		S-23
		238	238						4	1,062,773		S-24
		350	248					c	11	2,428,674		S-25
		366	246					c	11	1,975,389		S-26
724		1,316	982		7			4		7,443,040		

## COUNTY

	378	80	73	AN 113,050		21,550					241,076	S-14
898		211	232	AN 207,000		87,750					1,611,585	S-15
		61	199	AN 54,000							304,112	S-40
	3,835	103	214	AN 316,950			88,210				752,378	S-43
		229	218		40,000		12,000				1,444,053	S-44
898	4,213	684	935	691,000	40,000	109,300	100,210				4,353,204	

## COUNTY

		101	185	AN 1,091,000		200					433,180	S-1
		257	221		a	5		c	6 1			
		329	222		a	12		c	1 7	624,072		S-2
		687	628	1,091,000		200				1,077,185		S-3
					17			8	12	1,701,257	433,180	

## COUNTY

		18	144	AN 15,000		400					79,331	L-70
		7	38								7,730	L-72
		25	182	15,000		400					87,061	

## II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
JEFFERSON							
S-3	Freeman Coal Mining Corp. #3	Waltonville	2,339,077	2,174,601	15,815		143,985
S-5	Inland Steel Company	Sesser	1,859,825	1,859,153			
S-6	Freeman Coal Mining Corp. #6	Waltonville	1,819,742	1,815,776			
S-7	Eads Coal Company	Belle Rive	1,017,979	1,017,979			
Total 4 mines			7,036,623	6,867,509	15,815		143,985
JOHNSON							
L-8	New Burnside Coal Co.	Christopher	2,567				2,567
L-10	Deaton Coal Co.	New Burnside	4,864				4,864
L-11	Knickerbocker Coal Co.	Creal Springs	1,126				1,126
Total 3 mines			8,557				8,557
KANKAKEE							
S-1	* Peabody Coal Co. "Northern"	So. Wilmington	705,846	353,939			351,907
KNOX							
S-4	Midland Coal Co. "Mecco"	Victoria	1,431,781	1,349,241			82,540
MACOUPIN							
S-19	Monterey Coal Company #1	Carlinville	1,169,874	1,158,380			
MERCER							
L-62	Hazel Dell Coal Corporation	New Windsor	33,433				33,433
L-63	Viola Materials Inc.	Viola	16,863	16,863			
Total 2 mines			50,296	16,863			33,433
MONTGOMERY							
S-4	Freeman Coal Mining Corp. "Crown"	Farmersville	1,093,232	813,212	173		279,847
S-5	+Consolidation Coal Co. "Hillsboro"	Coffeen	1,113,216				+1,113,216
Total 2 mines			2,206,448	813,212	173		1,393,063

\* Tipton located in Kankakee County  
242,429 tons mined in Grundy County  
463,417 tons mined in Will County

† Direct to C.I.P.S. Plant



TABLE 10

Tons consumed at the mine	All coal not sold including waste	Total Employees	Days of active operation	Explosives used for blasting coal				Number of		Tons mined by machine	Tons mined in strip mines	Number
				Explosives used to blast overburden	Pellet powder— pounds	Dynamite— pounds	Permissibles— pounds	Mining machines	Motors			

## COUNTY

.....	4,676	629	219	.....	.....	.....	.....	c 12	.....	2,339,077	.....	S-3
.....	672	423	212	.....	.....	.....	.....	c 8	12	1,859,825	.....	S-5
.....	3,966	357	214	.....	.....	.....	.....	c 11	.....	1,819,742	.....	S-6
.....	.....	61	212	.....	.....	.....	.....	.....	.....	.....	1,017,979	S-7
.....	9,314	1,470	857	.....	.....	.....	.....	.....	12	6,018,644	1,017,979	.....

## COUNTY

.....	.....	8	30	.....	.....	.....	.....	.....	.....	.....	2,567	L-8
.....	.....	2	72	.....	.....	.....	.....	.....	.....	.....	4,864	L-10
.....	.....	2	23	.....	.....	.....	.....	.....	.....	.....	1,126	L-11
.....	.....	12	125	.....	.....	.....	.....	.....	.....	.....	8,557	.....

## COUNTY

.....	.....	141	202	.....	.....	.....	.....	.....	.....	.....	705,846	S-1
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## COUNTY

.....	.....	149	214	.....	.....	.....	.....	.....	.....	.....	1,431,781	S-4
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## COUNTY

.....	11,494	360	221	.....	.....	.....	.....	c 7	.....	1,169,874	.....	S-19
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## COUNTY

.....	.....	11	253	.....	.....	.....	.....	2	2	33,433	.....	L-62
.....	.....	11	54	.....	.....	.....	.....	2,000	.....	.....	16,863	L-63
.....	.....	22	307	.....	.....	.....	.....	2,000	2	33,433	16,863	.....

## COUNTY

.....	.....	85	164	.....	a 11	.....	.....	c 2	.....	1,093,232	.....	S-4
.....	.....	425	208	.....	.....	.....	.....	c 6	6	1,113,216	.....	S-5
.....	.....	510	372	.....	11	.....	.....	c 8	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	6	6	2,206,448	.....	.....

## II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
PEORIA							
S-4	Midland Coal Co. "Elm" .....	Trivoli .....	1,117,099	1,117,099			
L-150	Midland Coal Company .....	Edwards .....	581,449				581,449
L-164	The United Electric Coal Co's., #27 .....	Glasford .....	623,997			598,646	23,667
	Total 3 mines .....		2,322,545	1,117,099		598,646	605,116
PERRY							
S-14	The United Electric Coal Cos., #11 .....	DuQuoin .....	1,599,073	1,594,100			174
S-33	Consolidation Coal Co., Midwestern Div. #2 "Burning Star" .....	DuQuoin .....	2,506,682	2,142,585		362,569	1,528
S-34	Southwestern Ill. Coal Corp. "Captain" .....	Percy .....	3,601,746	3,601,746			
S-35	Ayrshire Coal Co. Div. of Amax "Leahy" .....	Campbell Hill .....	199,427	182,489			
	Total 4 mines .....		7,906,928	7,520,920		362,569	1,702
POPE							
L-3	E & L Coal Co. ....	Marion .....	7,012				7,012
RANDOLPH							
S-7	Southwestern Ill. Coal Corp. "Streamline" .....	Percy .....	1,352,215	1,233,140	14,576		102,864
S-17	* Zeigler Coal Company, "Spartan #2" .....	Sparta .....	739,713	717,851			21,862
S-19	Consolidation Coal Co., Midwestern Div. #3 "Burning Star" .....	Sparta .....	1,109,386			1,109,386	
	Total 3 mines .....		3,201,314	1,950,991	14,576	1,109,386	124,726
ST. CLAIR							
S-94	Peabody Coal Company, "River King Strip" .....	Lenzburg .....	4,523,898	4,016,324			507,574
S-97	Peabody Coal Company, "River King" UG #1 .....	Freeburg .....	1,027,156	1,027,156			
L-90	Peabody Coal Company "Midwest #3" .....	Millstadt .....	579,822				579,822
S-98	Peabody Coal Company, "Midwest" Strip .....	Millstadt .....	6,077				6,077
	Total 4 mines .....		6,136,953	5,043,480			1,093,473
SALINE							
S-1	Sahara Coal Co., Inc. #6 .....	Harrisburg .....	909,593	909,129			464
S-16	Sahara Coal Co., Inc. #5 .....	Harrisburg .....	427,628	425,499			2,018
S-39	Sahara Coal Co., Inc. #16 .....	Harrisburg .....	295,844	294,039			1,711
S-56	Sahara Coal Co., Inc. #20 .....	Harrisburg .....	508,928	506,364			2,430
S-57	Sahara Coal Co., Inc. #21 .....	Harrisburg .....	166,580	165,795			744
L-128	Big Ridge Coal Co. #1 .....	Cartersville .....	67,871	67,871			
L-130	Jader Fuel Co. ....	Shawneetown .....	9,600				1,600
L-131	Brown Bros. Excavating Co. #2 .....	Harrisburg .....	46,582				46,582
	Total 8 mines .....		2,432,626	2,368,697			55,549

\* Name changed from Zeigler Coal and Coke Co. "Spartan," July 1, 1971.

TABLE 10

Tons consumed at the mine	All coal not sold including waste	Total Employees	Days of active operation	Explosives used for blasting coal				Number of		Tons mined by machine	Tons mined in strip mines	Number
				Explosives used to blast overburden	Pellet powder— pounds	Dynamite— pounds	Permissibles— pounds	Mining machines	Motors			

## COUNTY

.....	.....	145	207	.....	.....	.....	.....	.....	.....	.....	1,117,099	S-4
.....	1,684	85	245	.....	.....	.....	.....	.....	.....	.....	581,449	L-150
.....	.....	67	214	AN172,334	.....	276	2,093	.....	.....	.....	623,997	L-164
.....	1,684	297	666	172,334	.....	276	2,093	.....	.....	.....	2,322,545	

## COUNTY

615	4,184	180	224	AN 3,464,000	.....	148,800	.....	.....	.....	.....	1,599,073	S-14
.....	.....	245	238	AN 7,463,210	.....	.....	.....	.....	.....	.....	2,506,682	S-33
.....	.....	194	206	AN 7,028,452	.....	.....	.....	.....	.....	.....	3,601,746	S-34
.....	16,938	113	30	AN 1,399,950	.....	.....	.....	.....	.....	.....	199,427	S-35
615	21,122	732	698	19,355,612	.....	148,800	.....	.....	.....	.....	7,906,928	

## COUNTY

.....	.....	3	65	.....	.....	.....	.....	.....	.....	.....	7,012	L-3
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## COUNTY

350	1,285	139	254	AN 5,232,502	.....	244,500	64,650	.....	.....	739,713	1,352,215	S-7
.....	.....	180	207	a 8	.....	.....	.....	3	.....	.....	.....	S-17*
.....	.....	120	236	AN 2,063,206	.....	.....	.....	.....	.....	.....	1,109,386	S-19
350	1,285	439	697	7,295,708	8	244,500	64,650	3	.....	739,713	2,461,601	

## COUNTY

.....	.....	369	252	AN 7,754,345	.....	108,570	.....	c 9	17	1,027,156	4,523,898	S-94
.....	.....	307	245	.....	.....	.....	.....	.....	.....	.....	.....	S-97
.....	.....	157	223	a 5	.....	.....	.....	c 2	.....	579,822	.....	L-90
.....	.....	67	5	.....	.....	.....	.....	.....	.....	6,077	.....	S-98
.....	.....	900	725	7,754,345	5	108,570	.....	0	17	1,606,978	4,529,975	

## COUNTY

111	.....	121	217	AN 5,098,650	.....	500	.....	.....	.....	.....	909,593	S-1
94	.....	142	219	.....	a 5	.....	.....	3	7	427,628	.....	S-16
134	.....	19	213	.....	a 5	.....	.....	c 1	4	295,844	.....	S-39
41	.....	168	223	.....	a 4	.....	.....	1	8	508,928	.....	S-56
.....	.....	127	178	.....	a 4	.....	.....	c 1	3	166,580	.....	S-57
.....	.....	7	278	.....	.....	7,100	1,000	2	.....	67,871	.....	L-128
.....	8,000	10	45	.....	.....	.....	.....	c 2	.....	9,600	.....	L-130
.....	.....	4	204	AN 20,000	.....	.....	.....	1	.....	46,582	.....	L-131
380	8,000	598	1,577	5,118,650	18	7,600	1,000	7	22	1,398,980	1,033,646	

## II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
STARK							
S-1	Midland Coal Co. "Allendale" .....	Wyoming ...	659,013	658,714	.....	.....	299
VERMILION							
L-220	V-Day Coal Co., Inc. ....	Danville .....	32,272	7,845	.....	.....	24,427
WILLIAMSON							
S-4	Ayrshire Coal Co. Div. of AMAX "Delta" .....	Marion .....	1,011,980	1,008,573	3,262	.....	145
S-83	* Zeigler Coal Company #4 .....	Johnston City .....	843,440	840,563	2,877	.....	.....
S-92	Forsyth-Energy, Inc. ....	Herrin .....	301,989	168,395	2,512	.....	130,274
S-99	Freeman Coal Mining Corp. #4 .....	Marion .....	1,075,913	1,045,268	1,086	.....	24,992
S-100	Peabody Coal Co. "Will Scarlet" .....	Stonefort .....	670,829	670,829	.....	.....	.....
L-47	Barbara Kay Coal Co., Inc. ....	Marion .....	90,375	.....	.....	.....	90,375
L-195	Harrisburg Coal Co. ....	Marion .....	88,466	.....	.....	.....	88,466
L-254	Cold Water Coal Co. ....	Herrin .....	1,324	.....	.....	.....	1,324
	Total 8 mines .....	.....	4,084,316	3,733,628	9,737	.....	335,576
	Total all mines 63 .....	.....	58,415,239	43,994,647	659,973	5,018,108	8,673,961

AN-Ammonium Nitrate 54,132,574 lbs.

A-Compressed air machines 92

C-Continuous Mining Machines 115

\* Name changed from Bell &amp; Zoller Coal Co. #4 on July 1, 1971

TABLE 10

Tons consumed at the mine	All coal not sold including waste	Total Employees	Days of active opera- tion	Explosives used for blasting coal				Number of		Tons mined by machine	Tons mined in strip mines	Number
				Explosives used to blast overburden	Pellet powder— pounds	Dynamite— pounds	Permissibles— pounds	Mining machines	Motors			

## COUNTY

.....	.....	118	213	.....	.....	.....	.....	.....	.....	.....	659,013	S-1
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## COUNTY

.....	.....	30	150	.....	a 1	.....	.....	1	2	.....	32,272	L-220
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## COUNTY

.....	.....	117	220	AN 6,849,590	.....	39,350	.....	c 5	10	843,440	1,011,980	S-4
.....	808	310	205	.....	.....	48,016	.....	c 5	.....	.....	301,989	S-83
.....	4,567	56	164	.....	.....	.....	.....	c 5	.....	1,075,913	.....	S-92
.....	.....	258	216	AN 5,789,335	.....	.....	.....	.....	.....	.....	670,829	S-99
.....	.....	137	172	.....	.....	.....	.....	1	3	90,375	.....	S-100
.....	.....	35	187	.....	a 1	.....	.....	1	3	88,466	.....	L-47
.....	.....	29	170	.....	a 1	.....	.....	1	3	.....	.....	L-195
.....	.....	2	6	.....	.....	.....	.....	.....	.....	.....	1,324	L-254
.....	5,375	944	1,340	12,638,925	2	87,366	.....	2	16	2,098,194	1,986,122	.....
6,063	62,487	10,571	11,600	54,132,574	a 92 40,000	707,512	169,953	c115 44	89	29,453,926	28,961,313	.....

# II PRODUCTION—TABLE 11—RAILROADS HANDLING COAL—TONS SOLD TO RAILROADS SERVING MINES—TONS SOLD TO RAILROADS NOT SERVING MINES—1971

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
<b>CHRISTIAN COUNTY</b>					
Peabody Coal Co., #10	C & IM N & W	987,871	1,385		987,871 1,385
Total		987,871	1,385		989,256
<b>DOUGLAS COUNTY</b>					
Zeigler Coal Co., "Murdock"	B & O	180,699			180,699
<b>FRANKLIN COUNTY</b>					
Old Ben Coal Corp., #21	B & N M.P. I.C. C & EI	271,840 254,890 284,917 1,121,487			271,840 254,890 284,917 1,121,487
Old Ben Coal Corp., #24	B & N	2,428,674			2,428,674
Old Ben Coal Corp., #26	B & N MP IC	1,834,698 84,197 55,511			1,834,698 84,197 55,511
Freeman Coal Mining Corp., #5	CB & Q IC	823,894 234,490			823,894 234,490
Total		7,394,598			7,394,598
<b>FULTON COUNTY</b>					
The United Elec. Coal Cos., #9	B & N TP & W	91,465 149,233			91,465 149,233
The United Elec. Coal Cos., #17	CB & Q	1,009,880			1,009,880
Midland Coal Co., Bright Star	C & N	304,112			304,112
Ayrshire Coal Co., Div. of Amax, Sun Spot	B & N	186,804			186,804
Consolidation Coal Co., Norris	B & N C & N	1,177,170 162,854			1,177,170 162,854
Total		3,081,518			3,081,518
<b>JACKSON COUNTY</b>					
Royal Mining Co.	IC	7,730			7,730
<b>JEFFERSON COUNTY</b>					
Freeman Coal Mng. Corp., #3	CB & Q IC MP	753,501 1,254,043 167,057	15,625	190	769,126 1,254,043 167,247
Inland Steel Company	IC	1,859,153			1,859,153
Freeman Coal Mining Corp., #6	CB & Q IC MP	129,084 1,046,013 640,679			129,084 1,046,013 640,679
Eads Coal Company	IC	1,017,979			1,017,979
Total		6,867,509	15,815		6,883,324

II PRODUCTION—TABLE 11—Continued

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
<b>KANKAKEE COUNTY</b>					
Peabody Coal Co., Northern .....	GM & O .....	268,640 .....	.....	.....	268,640 .....
	Santa Fe .....	85,299 .....	.....	.....	85,299 .....
Total .....		353,939 .....	.....	.....	353,939 .....
<b>KNOX COUNTY</b>					
Midland Coal Co., Mecco .....	CRI & P .....	1,349,241 .....	.....	.....	1,349,241 .....
<b>MACOUPIN COUNTY</b>					
Monterey Coal Co., #1 .....	C & NW .....	1,158,380 .....	.....	.....	1,158,380 .....
<b>MERCER COUNTY</b>					
Viola Materials, Inc. ....	Burlington .....	16,863 .....	.....	.....	16,863 .....
<b>MONTGOMERY COUNTY</b>					
Freeman Coal Mining Corp., Crown .....	IC .....	742,746 .....	173 .....	.....	742,919 .....
	CB & Q .....	70,466 .....	.....	.....	70,466 .....
Total .....		813,212 .....	173 .....	.....	813,385 .....
<b>PEORIA COUNTY</b>					
Midland Coal Co., Elm .....	C & NW .....	1,117,099 .....	.....	.....	1,117,099 .....
<b>PERRY COUNTY</b>					
The United Elec. Coal Co., #11 .....	IC .....	573,876 .....	.....	.....	573,876 .....
	Mo. Pac. ....	1,020,224 .....	.....	.....	1,020,224 .....
Consolidation Coal Co., Burning Star #2 .....	IC .....	429,563 .....	.....	.....	429,563 .....
	Mo. Pac. ....	1,713,022 .....	.....	.....	1,713,022 .....
Southwestern Ill. Coal Corp., "Captain" .....	GM & O .....	3,601,746 .....	.....	.....	3,601,746 .....
Ayrshire Coal Co., "Leahy" .....	Mo. Pac. ....	182,489 .....	.....	.....	182,489 .....
Total .....		7,520,920 .....	.....	.....	7,520,920 .....
<b>RANDOLPH COUNTY</b>					
Southwestern Ill. Coal Corp., "Streamline" .....	GM & O .....	1,229,989 .....	14,576 .....	.....	1,244,565 .....
	Mo. Pac. ....	3,151 .....	.....	.....	3,151 .....
Zeigler Coal Company #2 .....	Mo. & Ill. ....	717,851 .....	.....	.....	717,851 .....
Total .....		1,950,991 .....	14,576 .....	.....	1,965,567 .....
<b>ST. CLAIR COUNTY</b>					
Peabody Coal Co., River King Strip .....	IC .....	2,142,913 .....	.....	.....	2,142,913 .....
	Peabody Coal Co. ....	1,873,411 .....	.....	.....	1,873,411 .....
Peabody Coal Co., River King U.G. #1 .....	IC .....	1,027,156 .....	.....	.....	1,027,156 .....
Total .....		5,043,480 .....	.....	.....	5,043,480 .....

II PRODUCTION—TABLE 11—Concluded

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
<b>SALINE COUNTY</b>					
Sahara Coal Co., Inc., #6	Penn Central	662,263			662,263
	IC	246,866			246,866
Sahara Coal Co., Inc., #5	Penn Central	272,581			272,581
	IC	152,918			152,918
Sahara Coal Co., Inc., #16	Penn Central	164,402			164,402
	IC	129,637			129,637
Sahara Coal Co., Inc., #20	Penn Central	322,162			322,162
	IC	184,202			184,202
Sahara Coal Co., Inc., #21	Penn Central	109,399			109,399
	IC	56,396			56,396
Big Ridge Coal Co., #1	Penn Central	67,871			67,871
Total		2,368,697			2,368,697
<b>STARK COUNTY</b>					
Midland Coal Co., "Allendale"	B & N	658,714			658,714
<b>VERMILION COUNTY</b>					
V Day Coal Co., Inc.	Penn Central	7,845			7,845
<b>WILLIAMSON COUNTY</b>					
Ayrshire Coal Co., "Delta"	PC NY	750,783	3,262		754,045
	IC	257,790			257,790
Zeigler Coal Company #4	C & E	840,563	2,877		843,440
Forsyth-Energy, Inc.	BN	117,679	2,512		120,191
	IC	50,716			50,716
Freeman Coal Mining Corp., #4	IC	598,190	1,086		599,276
	C & E	447,078			447,078
Peabody Coal Co., Will Scarlet	Penn Central	420,211			420,211
	IC	250,618			250,618
Total		3,733,628	9,737		3,743,365
<b>GRAND TOTAL</b>		<b>44,612,934</b>	<b>41,686</b>		<b>44,654,620</b>



## II PRODUCTION—TABLE 12—SPECIAL PREPARATION PLANTS

Name of operator	Address	Type and make of installation	Tonnage prepared or capacity of plant
Ayrshire Coal Co., Inc., Div. of Amax "Delta"	Marion	Mechanical Jig Type	1,011,980
Ayrshire Coal Co., Div. of Amax "Leahy"	Campbell Hill	Crushing Jig Washing	199,427
Ayrshire Coal Co., Div. of Amax "Sun Spot"	Vermont	Heavy Media Fluid	752,378
Barbara Kay Coal Co., Inc.	Marion	Deister Table	90,375
Consolidation Coal Co., #2	DuQuoin	McNally Pittsburg	2,506,682
Consolidation Coal Co., #3	Sparta	Roberts and Schaefer	1,109,386
Consolidation Coal Co., "Norris"	Norris	J. O. Lively Washed and Centrifical dried	1,444,053
Forsyth-Energy Coal Co., Inc.	Herrin	Mechanical Washer	301,989
Freeman Coal Mining Corp., "Crown"	Farmersville	Roberts and Schaefer	1,093,232
Freeman Coal Mining Corp., #3	Waltonville	Deduster, dry Cleaner, heavy media	2,339,077
Freeman Coal Mining Corp., #4	Marion	Roberts and Schaefer	1,075,913
Freeman Coal Mining Corp., #6	Waltonville	Heavy Media Washed	1,819,742
Harrisburg Coal Co.	Marion	Deister Table	27,711
Hazel Dell Coal Corp.	New Windsor	Air Washer	33,433
Inland Steel Company	Sesser	Modern Preparation Plant	1,859,825
Midland Coal Co., "Allendale"	Wyoming	All Jig Washed	659,013
Midland Coal Co., "Edwards"	Edwards	McNally Pittsburg	581,449
Midland Coal Co., "Elm"	Trivoli	McNally Pittsburg	1,117,099
Midland Coal Co., "Mecco"	Victoria	McNally Wash boxes	1,431,781
Monterey Coal Co., #1	Carlinville	Baum Jig type	1,169,874
Old Ben Coal Corp., #21	Sesser	Mogul Jig Heavy Media Cyclones	1,976,204
Old Ben Coal Corp., #26	Sesser	Mogul Jig Super Air flow	1,162,152
Peabody Coal Co., #10	Pawnee	Jig Washer	1,223,231
Peabody Coal Co., Eagle #2	Shawneetown	Cyclone plant	646,311
Peabody Coal Co., "Eagle Strip"	Shawneetown	McNally Pittsburg	433,180
Peabody Coal Co., Midwest #3	Millstadt	Jeffrey Jig Washer	579,822
Peabody Coal Co., Midwest Strip	Millstadt	Jeffrey Jig Washer	6,077
Peabody Coal Co., River King U. G.	Freeburg	McNally Pittsburg	1,027,156
Peabody Coal Co., River King Strip	Lenzburg	McNally Pittsburg	2,650,487
Peabody Coal Co., "Will Scarlet"	Stonefort	Link Belt Baum Jig type	670,829
Sahara Coal Co., Inc., #5, 6, 16, 20 & 21	Harrisburg	Washed at Central Washing Plant	2,308,573
Southwestern Ill. Coal Corp., "Captain"	Percy	McNally Pittsburg	3,601,746
Southwestern Ill. Coal Corp., "Streamline"	Percy	McNally Washery	1,352,215
The United Elec. Coal Cos. #9	Cuba	McNally Norton	241,076
The United Elec. Coal Cos. #11	DuQuoin	Koppers Rheolaveur	1,599,073
The United Elec. Coal Cos. #17	Canton	Neldco Heavy Media	1,234,803
The United Elec. Coal Cos. #27	Glasford	Roberts and Schaefer	623,977
V Day Coal Co.	Danville	Belknap Wash box & Roberts Schaefer Air Cleaner	32,272
Zeigler Coal Co., Spartan #2	Sparta	McNally Pittsburg	739,713
Zeigler Coal Co., "Murdock"	Murdock	McNally #223	926,278
Zeigler Coal Co., #4	Johnston City	McNally Pittsburg	843,440

II PRODUCTION—TABLE 13—PHYSICAL AND MECHANICAL

Mine index number	County, name of operator and mines	Post office address of mine	Tons of coal produced in 1971	Number of seam	Thickness of seam in feet
CHRISTIAN COUNTY					
S-8	Peabody Coal Co. #10	Pawnee	4,078,815	6	7'2"
DOUGLAS COUNTY					
S-1*	Zeigler Coal Company "Murdock"	Murdock	926,278	6	7'0"
FRANKLIN COUNTY					
S-23	Old Ben Coal Corp. #21	Sesser	1,976,204	6	8'4½"
S-24	Freeman Coal Mining Corp. #5	West Frankfort	1,062,773	6	9'1"
S-25	Old Ben Coal Corp. #24	Benton	2,428,674	6	8'6"
S-26	Old Ben Coal Corp. #26	Sesser	1,975,389	6	8'
FULTON COUNTY					
S-14	The United Electric Coal Cos. #9	Cuba	241,076	5&6	4'8"
S-15	The United Electric Coal Cos. #17	Canton	1,611,585	5	4'6"
S-40	Midland Coal Co. Elm #2	Fairview	304,112	5	4'
S-43	Ayrshire Coal Co., Div. of Amax "Sun Spot"	Vermont	752,378	2	2'2"
S-44	Consolidation Coal Co. "Norris"	Norris	1,444,053	5&6	4'3" & 2'8"
GALLATIN COUNTY					
S-1	Peabody Coal Co. Eagle	Shawneetown	433,180	6	3'6"
S-2	Peabody Coal Co. Eagle #1	Shawneetown	624,072	5	4'6"
S-3	Peabody Coal Co. Eagle #2	Shawneetown	1,077,185	5	4'6"
JACKSON COUNTY					
L-70	Tab Mining Co., Inc.	Carbondale	79,331	2	5'
L-72	Royal Mining Co.	Carterville	7,730	6	7'
JEFFERSON COUNTY					
S-3	Freeman Coal Mining Corp. #3	Waltonville	2,339,077	6	9'
S-5	Inland Steel Company	Sesser	1,859,825	6	9'
S-6	Freeman Coal Mining Corp. #6	Waltonville	1,819,742	6	7'
S-7	Eads Coal Company	Belle Rive	1,017,979	Opdyke	18" to 22"
JOHNSON COUNTY					
L-8	New Burnside Coal Co.	Christopher	2,567	1	3'8"
L-10	Deaton Coal Co.	New Burnside	4,864	1	3'6"
L-11	Knickerbocker Coal Co.	Creal Springs	1,126	5	3'
KANKAKEE COUNTY					
S-1	Peabody Coal Co. "Northern"	So. Wilmington	705,846	2&7	3'
KNOX COUNTY					
S-4	Midland Coal Co. "Mecco"	Victoria	1,431,781	6	3'6"
MACOUPIN COUNTY					
S-19	Monterey Coal Co. #1	Carlinsville	1,169,874	6	7'3"
MERCER COUNTY					
L-62	Hazel Dell Coal Corp.	New Windsor	33,433	1	4'6"
L-63	Viola Materials, Inc.	Viola	16,863	1	3'6"

Shaft, slope, drift or strip	Depth surface to seam	Long wall or pillar and room	Mining	Haulage	Hoisting	Loading		Total tons of coal produced since mine opened	Year Mine opened
			Hand, machine or both			Hand, machine or both			
Slope	340'	P & R	Machine	Belt	Electric	Machine	Closed	84,614,178	1952
Slope	207'	P & R	Machine	Belt	Electric	Machine	Closed	11,650,006	1946
Shaft Shaft	656' 612'	Panel P & R	Machine Machine	Belt Belt & Shuttle Car	Electric Electric	Machine Machine	Closed Closed	27,145,028 13,799,869	1960 1960
Shaft Shaft	666' 651'	Panel Panel	Machine Machine	Belt Belt	Electric Electric	Machine Machine	Closed Closed	15,453,917 6,306,457	1965 1968
Strip Strip	40' 60' to 110'							32,169,146 41,372,842	1924 1937
Strip Strip	60' to 80' 50'							1,118,250 7,108,545	1964 1962
Strip Strip	30' to 80'							3,762,733	1969
Strip Drift Slope	50' 40' 250'	P & R P & R	Machine Machine	Motor, Belt Belt	None Electric	Machine Machine	Closed Closed	2,888,235 3,874,227 2,240,213	1966 1967 1969
Strip Strip	40' 25'							500,981 68,782	1967 1969
Slope Shaft	800' 733'	P & R P & R	Machine Machine	Belt Shuttle Car & Belt	Electric Electric	Machine Machine	Closed Closed	53,710,453 4,973,984	1951 1966
Shaft Strip	792' 25'	P & R	Machine	Belt	Electric	Machine	Closed	4,698,542 1,065,979	1968 1970
Strip Strip Strip	25' 8' 25'							28,432 4,864 1,126	1969 1971 1971
Strip	84'							17,211,262	1945
Strip	58-1/2'							16,130,810	1956
Shaft	300'	P & R	Machine	Belt	Electric	Machine	Closed	1,431,437	1970
Shaft Strip	145' 50'	P & R	Machine	Machine	Electric	Machine	Closed	414,784 28,486	1958 1969

II PRODUCTION—TABLE 13—PHYSICAL AND MECHANICAL

Mine index number	County, name of operator and mines	Post office address of mine	Tons of coal produced in 1971	Number of seam	Thickness of seam in feet
<b>MONTGOMERY COUNTY</b>					
S-4	Freeman Coal Mining Corp. "Crown" .....	Farmersville .....	1,093,232	6	7'
S-5	Consolidation Coal Co. "Hillsboro" .....	Coffeen .....	1,113,216	6	7'6"
<b>PEORIA COUNTY</b>					
S-4	Midland Coal Co. Elm #1 .....	Trivoli .....	1,117,099	6	3'7"
L-150	Midland Coal Co. "Edwards" .....	Edwards .....	581,449	6	3'8"
L-164	The United Electric Coal Cos. #27 .....	Glasford .....	623,997	2	2'3"
<b>PERRY COUNTY</b>					
S-14	The United Electric Coal Cos. #11 .....	DuQuoin .....	1,599,073	6	6'
S-33	Consolidation Coal Co. "Burning Star" .....	DuQuoin .....	2,506,682	6	5'6"
S-34	Southwestern Ill. Coal Corp. "Captain" .....	Percy .....	3,601,746	5&6	6' and 4'
S-35	Ayrshire Coal Co. Div. of Amax "Leahy" .....	Campbell Hill .....	199,427	5&6	5'7" and 4'4"
<b>POPE COUNTY</b>					
L-3	E&L Coal Co. ....	Marion .....	7,012	1	3'
<b>RANDOLPH COUNTY</b>					
S-7	Southwestern Ill. Coal Corp. "Streamline" .....	Percy .....	1,352,215	6	6'1"
S-17	* * Zeigler Coal Co. Spartan #2 .....	Sparfa .....	739,713	6	6'6"
S-19	Consolidation Coal Co. "Burning Star #3 .....	Sparfa .....	1,109,386	5&6	3'6" and 5'0"
<b>ST. CLAIR COUNTY</b>					
S-94	Peabody Coal Co. "River King" .....	Lenzburg .....	4,523,898	6	6'6"
S-97	Peabody Coal Co. "River King" U.G. #1 .....	Freeburg .....	1,027,156	6	6'6"
L-90	Peabody Coal Co. "Midwest" .....	Millstadt .....	6,077	6	6'
S-98	Peabody Coal Co. "Midwest" U.G. #3 .....	Millstadt .....	579,822	6	6'6"
<b>SALINE COUNTY</b>					
S-1	Sahara Coal Co., Inc. #6 .....	Harrisburg .....	909,593	6	4'6"
S-16	Sahara Coal Co., Inc. #5 .....	Harrisburg .....	427,628	5	4'6"
S-39	Sahara Coal Co., Inc. #16 .....	Harrisburg .....	295,844	5	6'
S-56	Sahara Coal Co., Inc. #20 .....	Harrisburg .....	508,928	5	4'7"
S-57	Sahara Coal Co., Inc. #21 .....	Harrisburg .....	166,580	5	4'4"
L-128	Big Ridge Coal Co. ....	Harrisburg .....	67,871	6	4'
L-130	Jader Fuel Company .....	Shawneetown .....	9,600	2	4'
L-131	Brown Bros. Excavating Co. #2 .....	Harrisburg .....	46,582	2	4'2"
<b>STARK COUNTY</b>					
S-1	Midland Coal Co. "Allendale" .....	Wyoming .....	659,013	6	4'
<b>VERMILION COUNTY</b>					
L-220	V Day Coal Co., Inc. ....	Danville .....	32,272	6	6'
<b>WILLIAMSON COUNTY</b>					
S-4	Ayrshire Coal Co., Div. of Amax "Delta" .....	Marion .....	1,011,980	6	5'9"
S-83	* * * Zeigler Coal Co. #4 .....	Johnston City .....	843,440	6	7'
S-92	Forsyth-Energy Coal Cos., Inc. ....	Herrin .....	301,989	6	8'
S-99	Freeman Coal Mining Corp. #4 .....	Marion .....	1,075,913	6	6'7"
S-100	Peabody Coal Co. "Will Scarlet" .....	Stonefort .....	670,829	2&3	5'10"
L-47	Barbara Kay Coal Co. ....	Marion .....	90,375	5	4'4"
L-195	Harrisburg Coal Co. ....	Marion .....	88,466	5	4'2"
L-254	Cold Water Coal Co. ....	Herrin .....	1,324	6	8'

\* Formerly known as Moffat Coal Co.

\* \* Formerly known as Zeigler Coal&amp;Coke "Spartan"

\* \* \* Formerly known as Bell&amp;Zoller Coal Co. #4

## CHARACTERISTICS OF ALL MINES—1970—Concluded

[illegible]

## II PRODUCTION—TABLE 14—TOTAL PRODUCTION OF COAL IN TONS BY COUNTIES, 1882-1971

County	1971 production	Total production to date	County	1971 production	Total production to date
Adams		341,924	Madison		164,295,772
Bond		7,355,569	Marion		39,247,722
Brown		65,347	Marshall		12,516,141
Bureau		53,823,055	Menard		13,462,005
Calhoun		96,247	Mercer	50,296	15,461,682
Cass		212,477	Monroe		8,284
Christian	4,078,815	296,293,394	Montgomery	2,206,448	121,764,334
Clark		4,482	Morgan		190,787
Clay		801	Moultrie		2,032,236
Clinton		38,656,325	Peoria	2,322,545	85,285,888
Coles		198,932	Perry	7,906,928	262,036,194
Crawford		45,400	Pike		5,081
Douglas	926,278	11,650,006	Pope	7,012	20,542
Edgar		915,698	Putnam		10,071,893
Effingham		796	Randolph	3,201,314	111,170,974
Franklin	7,443,040	567,249,030	Richland		154
Fulton	4,353,204	278,709,732	Rock Island		3,846,169
Gallatin	2,134,437	15,280,977	St. Clair	6,136,953	314,249,100
Greene		693,191	Saline	2,432,626	236,011,325
Grundy		40,872,430	Sangamon		233,449,607
Hamilton		22,097	Schuyler		7,747,691
Hancock		771,281	Scott		612,476
Hardin		40	Shelby		4,119,763
Henry		22,910,053	Stark	659,013	7,759,167
Jackson	87,061	97,369,189	Tazewell		17,633,802
Jasper		23,739	Vermilion	32,272	164,934,878
Jefferson	7,036,623	68,622,230	Wabash		198,226
Jersey		120,350	Warren		685,466
Johnson	8,557	287,818	Washington		18,165,386
Kankakee	705,846	18,119,025	White		1,676,741
Knox	1,431,781	56,500,932	Will		37,553,733
LaSalle		65,547,638	Williamson	4,084,316	400,768,938
Livingston		10,111,437	Woodford		7,810,160
Logan		14,533,376			
Macon		11,000,468	Total Production		
Macoupin	1,169,874	267,416,127	1971	54,815,239	4,237,192,972
McDonough		2,634,903	Total 1882-1971		
McLean		5,544,139	Estimated Produc- tion 1833-1881		73,386,123
			Total Production 1833-1971		4,310,579,095

## II PRODUCTION—TABLE 15—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORK, AND TONS PRODUCED FROM EACH SEAM

Number of Seam	Number of—		Kind of opening				Manner of work			Total tons produced
	Coun- ties	Mines	Shaft	Drift	Slope	Strip	Pillar and room	Long- wall	Strip	
1	3	5	1			4	1		4	64,739
2	5	7				6			6	2,182,717
5	7	17		1	7	9	8		9	12,809,568
6	17	34	9	1	8	16	18		16	42,652,369
7	1					1			1	705,846
Total		63	10	2	15	36	27		36	58,415,239

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### III *Labor and Employment*

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III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1971

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days		Loss of 30 days or more		Month in which accident occurred	
			Total	Average	Number injured	Days lost		Total	Average	Month
						Total	Average			
CHRISTIAN COUNTY Peabody Coal Company #10	66	13	2,471	47	28	393	14	2,078	83	January
										February
										March
										April
										May
										June
										July
										August
										September
										October
										November
										December
Total	66	13	2,471	47	28	393	14	2,078	83	
DOUGLAS COUNTY Ziegler Coal Company "Murdock"	11	1	277	28	7	127	18	150	50	January
										February
										March
										April
										May
										June
										July
										August
										September
										October
										November
Total	11	1	277	28	7	127	18	150	50	



## FRANKLIN COUNTY

Freeman Coal Mining Corp. #5  
 Old Ben Coal Corp. #21  
 Old Ben Coal Corp. #24  
 Old Ben Coal Corp. #26

9	424	47	5	107	21	4	317	79	January	10
26	1,026	43	12	226	19	12	800	67	February	6
24	548	26	15	250	15	6	328	55	March	6
22	752	40	11	177	16	8	575	72	April	9
									May	7
									June	3
									July	6
									August	8
									September	10
									October	1
									November	9
									December	6
81	2,750	38	43	730	17	30	2,020	67		81

## FULTON COUNTY

Ayrshire Coal Co., Div. of Amax. "Sun Spot"  
 Consolidation Coal Co. "Norris"  
 Midland Coal Co. "Bright Star"  
 The United Electric Coal Co. #9  
 The United Electric Coal Co. #17

6	441	74				6	441	74	December	2
6	387	65	3	59	20	3	328	109	January	4
1	63	16	4	63	16				February	2
3	73	73				1	73	73	March	1
	18	9	2	18	9				April	3
									May	2
									June	2
									August	2
									September	1
									November	1
									December	4
22	982	52	9	140	16	10	842	84		22

## GALLATIN COUNTY

Peabody Coal Co. Eagle #1 U.G.  
 Peabody Coal Co. Eagle #2  
 Peabody Coal Co. "Eagle Strip"

35	1,424	41	18	268	15	16	1,156	72	January	4
38	1,804	49	18	259	14	19	1,545	81	February	9
2	270	135				2	270	135	March	11
									April	5
									May	13
									June	3
									July	9
									August	9
									September	5
									December	1
75	3,498	48	36	527	15	37	2,971	80		75

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1971—Continued

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days		Loss of 30 days or more		Month in which accident occurred		
			Total	Average	Number injured	Days lost		Number injured	Days lost		
						Total	Average		Total	Average	
JACKSON COUNTY											
Royal Mining Co.	1		12	12	1	12	12		January	1	
Total	1		12	12	1	12	12			1	
JEFFERSON COUNTY											
Eads Coal Co.	1		28	28	1	28	28		January	12	
Freeman Coal Mining Corp. #3	42		2,722	65	20	366	19	22	February	6	
Freeman Coal Mining Corp. #6	25	1	1,266	53	9	143	16	15	March	3	
Inland Steel Company	8	2	163	27	4	42	10	2	April	7	
									May	12	
									June	7	
									July	7	
									August	9	
									September	6	
									November	1	
									December	6	
Total	76	3	4,179	57	34	599	18	39	92	76	
KNOX COUNTY											
Midland Coal Co. "Mecco"	3		120	40	2	36	18	1	84	January	1
										March	1
										April	1
Total	3		120	40	2	36	18	1	84		3

## MACOUPIN COUNTY

Monterey Coal Co. #1 .....

17	.....	1,139	67	7	104	15	10	1,035	14	February .....	2
										April .....	6
										May .....	3
										June .....	2
										July .....	2
										September .....	1
										December .....	1
17	.....	1,139	67	7	104	15	10	1,035	14	.....	17
<hr/>											
1	.....	23	23	1	23	23	.....	.....	.....	February .....	1
1	.....	23	23	1	23	23	.....	.....	.....	.....	1
<hr/>											
7	.....	177	25	5	90	18	2	87	43	January .....	2
4	.....	311	78	1	16	16	3	295	98	February .....	1
										March .....	2
										April .....	1
										June .....	2
										July .....	1
										August .....	1
										September .....	1
11	.....	488	44	6	106	18	5	382	76	.....	11
<hr/>											
<hr/>											
11	.....	2	34	4	54	16	5	252	50	December 1970 .....	1
5	.....	191	38	2	35	18	3	156	52	January .....	1
4	.....	115	29	2	43	22	2	72	36	February .....	2
										March .....	5
										April .....	2
										May .....	3
										June .....	2
										July .....	1
										August .....	1
										September .....	2
										December .....	1
20	.....	2	34	8	132	17	10	480	48	.....	20

Total .....

## MERCER COUNTY

Hazel Dell Coal Co. ....

Total .....

## PEORIA COUNTY

Midland Coal Co. "Elm" .....

Midland Coal Co. "Edwards" .....

Total .....

## PERRY COUNTY

Consolidation Coal Co. "Burning Star" #2 .....

United Electric Coal Cos. #11 .....

Southwestern Ill. Coal Corp. "Captain" .....

Total .....

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1971—Continued

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more			Month in which accident occurred			
			Total	Average	Number injured	Days lost		Number injured	Days lost		Month	Number injured		
						Total	Average		Total	Average				
RANDOLPH COUNTY														
Consolidation Coal Co. #3	3		108	36	2	35	18	1	73	73	December 1970	1		
Southwestern Ill. Coal Corp. "Streamline"	4		160	40	3	31	10	1	129	129	February	1		
Zeigler Coal Co. Spartan #2	11		669	61	6	99	17	5	570	114	March	4		
											April	1		
											May	2		
											June	2		
											July	1		
											August	1		
											September	4		
											December	1		
Total	18		937	52	11	165	15	7	772	110		18		
ST. CLAIR COUNTY														
Peabody Coal Co. Midwest #3	13	1	521	43	5	72	16	7	449	64	January	2		
Peabody Coal Co. Strip River King	17	2	619	36	7	73	10	8	546	68	February	1		
Peabody Coal Co. River King U.G.	6		725	121	2	34	17	4	691	173	March	2		
											April	6		
											May	7		
											June	5		
											July	5		
											August	1		
											September	3		
											October	2		
											November	2		
											December	1		
Total	36	3	1,865	57	14	179	13	19	1,686	89		36		

## SALINE COUNTY

Sahara Coal Co. Inc., #5	16	1	881	28	5	87	17	10	794	79	January	3
Sahara Coal Co. Inc., #6	12	5	907	130	1	29	29	6	878	146	February	1
Sahara Coal Co. Inc., #16	15	2	55	18	3	55	18				March	7
Sahara Coal Co. Inc., #20	14		893	64	5	105	21	9	790	88	April	4
											May	5
											June	4
											July	5
											August	5
											September	5
											October	6
											November	1
											December	6
Total	47	8	2,738	70	14	276	20	25	2,462	98		47
STARK COUNTY												
Midland Coal Co. "Allendale"	9		231	26	7	87	12	2	144	72	March	3
											May	1
											August	3
											September	1
											December	1
Total	9		231	26	7	87	12	2	144	72		9
VERMILION COUNTY												
V Day Coal Co.	4		86	23	3	53	18	1	33	33	February	1
											April	1
											July	1
											September	1
Total	4		86	23	3	53	18	1	33	33		4
WILLIAMSON COUNTY												
Barbara Kay Coal Co.	2		19	10	2	19	10				January	8
Forsyth-Energy Coal Co.	2		26	13	2	26	13				February	3
Freeman Coal Mining Corp. #4	7		316	45	3	47	16	4	269	67	March	2
Harrisburg Coal Co. #1	1		15	15	1	15	15				April	6
Peabody Coal Co. "Will Scarlet"	3		99	33	2	31	16	1	68	68	May	4
Zeigler Coal Co. #4	22	3	734	39	12	181	15	7	553	79	June	2
											July	2
											August	3
											September	3
											December	4
Total	37	3	1,209	36	22	319	15	12	890	74		37
TOTAL ALL MINES	535	46	23,617	48	253	4,008	16	236	19,609	83		535



## ACCIDENTS

III LABOR & EMPLOYMENT—TABLE 17—COMPARATIVE STATISTICS OF FATAL AND NON-FATAL ACCIDENTS FOR THE PERIOD 1928 to 1971 INCLUSIVE, NON-FATAL ACCIDENTS OF 7 DAYS OR MORE LOST TIME

Year	Accidents		Tons mined to one—		Employees to one—	
	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal
1928	139	5,785	404,396	9,392	471	11
1929	109	6,621	560,805	9,232	538	9
1930	112	5,106	482,456	10,580	500	11
1931	90	3,800	501,696	11,854	595	14
1932	114	2,643	299,205	12,884	552	19
1933	71	3,018	539,720	12,697	683	16
1934	86	3,133	485,164	13,318	576	16
1935	82	3,147	548,942	14,304	599	16
1936	93	3,165	553,504	16,263	528	16
1937	83	2,887	655,810	18,854	561	16
1938	84	2,240	504,812	18,923	516	19
1939	80	1,887	595,343	25,240	511	22
1940	83	2,091	624,603	20,020	447	18
1941	92	2,096	601,801	26,414	406	18
1942	94	2,546	710,066	25,784	319	14
1943	97	3,017	756,131	24,317	339	11
1944	87	3,578	889,655	21,632	369	9
1945	75	3,350	979,292	21,924	414	9
1946	61	2,908	1,045,362	20,552	532	11
1947	204	2,618	334,927	26,098	160	12
1948	68	2,270	973,041	29,148	484	14
1949	38	1,658	1,253,431	28,727	827	19
1950	45	1,629	1,272,940	35,164	690	19
1951	154	1,494	356,297	36,727	190	20
1952	31	1,122	1,475,890	40,778	768	21
1953	28	920	1,641,647	49,963	677	21
1954	23	736	1,816,337	57,622	725	23
1955	18	651	2,539,531	70,217	757	21
1956	20	665	2,390,202	71,886	647	19
1957	21	542	2,222,995	86,131	609	24
1958	9	449	4,864,125	97,499	1,265	25
1959	10	475	4,537,463	95,525	1,089	23
1960	10	385	4,582,063	119,015	1,053	27
1961	7	368	6,447,503	122,643	1,278	24
1962	20	418	2,417,696	115,679	439	21
1963	16	445	3,227,652	116,050	556	20
1964	9	435	6,092,720	126,056	1,009	21
1965	13	468	4,479,421	124,428	676	19
1966	9	474	7,023,633	133,360	999	19
1967	20	524	3,240,739	123,692	440	17
1968	15	494	4,142,872	125,796	636	19
1969	12	521	5,402,715	124,439	799	18
1970	15	618	4,325,607	104,990	681	17
1971	15	535	3,894,349	109,187	704	20

TABLE 18—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED AND PER 1,000,000 TONS MINED—1882-1971, INCLUDING INJURIES INVOLVING LOSS OF 30 DAYS OR MORE

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents		Per 1,000,000 tons mined	
			Fatal		Killed	Injured	Per 1,000 employed		Fatal	Non-fatal
			Fatal	Non-fatal			Fatal	Non-fatal		
1882	9,115,661	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,339	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887	10,278,990	26,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	216,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	28,574	53	284	238,460	42,988	1.9	10.3	4.2	23.4
1891	15,860,698	32,951	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,276	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,948,564	35,959	79	503	289,650	37,826	1.9	11.4	3.2	20.2
1894	17,113,576	38,777	72	561	256,478	36,315	1.9	13.7	4.2	30.4
1895	17,735,664	39,630	77	692	256,989	38,444	1.9	18.1	3.9	34.1
1896	19,766,526	37,932	69	518	260,909	38,750	2.0	15.3	3.9	34.0
1897	20,062,526	33,028	75	438	237,981	42,484	2.1	12.5	4.0	25.8
1898	23,339,424	36,961	84	597	278,981	36,254	2.3	16.2	3.6	23.5
1899	23,453,925	36,961	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1900	23,633,319	39,381	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1901	30,023,200	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1902	30,955,400	46,003	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1903	37,077,897	54,774	157	507	234,163	73,132	2.9	9.3	4.2	13.7
1904	37,183,374	59,230	159	535	185,852	69,502	3.4	9.0	5.4	14.4
1905	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1906	47,798,621	66,714	165	636	289,698	75,155	2.5	9.5	3.5	13.3
1907	48,272,436	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1908	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1909	48,717,553	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1910	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1911	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1912	61,846,204	79,497	175	1,025	353,407	60,338	2.2	12.9	2.6	16.2
1913	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6



1915	57,601,684	75,607	180	1,013	320,009	56,870	2,4	13,4	3,1	17,6
1916	53,673,530	70,919	165	1,305	355,900	48,792	2,2	17,2	2,6	20,5
1917	46,933,266	66,893	207	1,634	351,563	48,338	2,6	20,2	2,6	20,7
1918	38,933,366	61,372	259	2,161	347,411	41,638	2,3	23,7	2,9	24,0
1919	32,068,786	56,897	208	2,620	361,057	28,684	2,8	28,8	2,8	34,9
1920	73,920,653	80,192	181	3,571	408,401	20,700	2,5	40,5	2,4	48,3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2,3	45,2	2,8	54,0
1922	63,276,827	98,090	159	3,879	397,962	16,315	1,6	39,5	2,5	61,3
1923	75,514,095	103,566	161	3,615	459,032	20,889	1,6	34,9	2,1	47,9
1924	72,308,665	93,765	184	3,895	392,982	18,565	1,6	39,0	2,5	53,9
1925	103,186,168	81,684	183	4,712	563,859	21,713	2,4	57,7	1,8	46,0
1926	69,813,255	77,732	165	3,063	423,111	22,642	2,1	39,7	2,4	44,2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1,3	18,0	2,3	29,8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2,1	33,2	2,5	38,7
1929	61,127,759	58,596	109	2,392	560,805	25,556	1,9	40,8	1,8	39,1
1930	54,035,115	58,011	112	1,837	482,456	29,415	2,0	32,8	2,1	34,0
1931	45,152,623	53,550	90	1,530	501,686	29,512	1,7	28,6	3,3	33,9
1932	38,320,785	41,554	114	951	299,305	35,879	2,2	18,4	2,0	27,9
1933	41,724,078	48,464	71	1,197	539,720	32,013	1,5	24,7	1,9	31,2
1934	45,013,278	49,700	82	1,122	485,164	37,522	1,8	23,1	2,1	26,9
1935	51,475,899	49,142	93	1,145	548,907	36,743	1,7	24,9	1,8	27,2
1936	54,432,255	46,580	82	1,023	553,504	44,957	1,9	23,3	1,5	22,2
1937	42,387,368	43,420	85	816	504,612	51,945	1,8	22,0	1,5	18,8
1938	47,627,454	40,909	80	677,837	595,343	56,903	2,0	18,7	2,0	19,3
1939	51,871,704	38,019	83	1,174	624,603	67,008	2,2	20,4	1,6	17,6
1940	55,365,835	37,587	92	830	601,801	71,532	2,2	20,4	1,7	15,0
1941	65,746,204	36,041	94	1,175	710,066	66,863	2,6	27,3	1,4	15,0
1942	57,344,761	32,852	97	1,175	756,399	62,412	3,0	35,8	1,3	16,6
1943	77,400,031	32,019	87	1,260	889,655	60,233	2,7	40,1	1,1	17,2
1944	73,446,930	31,709	75	1,001	979,252	58,291	2,4	40,5	1,0	15,7
1945	63,677,082	32,676	61	1,203	1,045,362	63,703	1,9	30,8	1,0	17,6
1946	68,325,241	32,486	204	796	385,979	26,098	6,2	36,8	3,0	12,0
1947	66,166,805	32,924	68	1,203	973,041	83,124	2,0	24,2	1,0	11,9
1948	67,630,380	31,434	38	1,432	1,253,431	84,301	1,4	18,0	.8	9,7
1949	57,282,303	31,067	45	1,272,940	1,272,940	102,841	5,2	19,1	2,9	10,2
1950	54,869,679	29,329	154	356,297	356,297	97,981	1,3	18,5	.7	9,7
1951	45,752,588	23,821	31	1,475,890	1,475,890	103,747	1,3	18,5	.7	9,7
1952	45,966,114	18,945	28	1,641,647	1,641,647	115,203	1,5	21,1	.5	7,7
1953	41,775,752	16,665	23	323	1,816,337	129,337	1,4	19,4	.3	5,8
1954	45,711,555	13,623	18	266	2,539,531	171,848	1,3	19,5	.3	5,9
1955	47,804,040	12,936	20	284	2,390,202	168,324	1,5	22,0	.4	4,6
1956	46,682,889	12,781	21	217	2,222,995	215,129	1,6	17,0	.3	4,5
1957	43,777,130	11,366	9	197	4,864,125	222,219	0,8	17,3	.2	4,3
1958	45,374,626	10,897	10	184	4,537,463	233,890	0,9	15,8	.2	3,6
1959	45,820,632	10,533	10	167	6,447,063	274,375	0,8	17,8	.2	3,6
1960	45,132,526	8,945	7	158	6,447,063	265,744	0,9	17,7	.1	3,5
1961	48,353,913	8,774	20	196	2,417,886	268,744	2,3	22,3	.4	4,0
1962	51,642,431	8,891	16	185	2,417,886	268,744	1,9	21,9	.3	3,8
1963	54,834,488	9,079	9	207	3,252,952	284,803	1,0	22,7	.1	3,7
1964	56,232,480	8,790	13	218	4,092,420	287,121	1,5	24,8	.2	3,4
1965	63,212,697	8,994	9	214	7,023,633	295,366	1,0	23,8	.1	3,4

III LABOR AND EMPLOYMENT—TABLE 18—Concluded

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents			
			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Per 1,000,000 tons mined	
									Fatal	Non-fatal
1967	64,814,771	8,805	20	216	3,240,739	300,068	2.3	24.5	.31	3.3
1968	62,143,076	9,538	15	219	4,142,872	283,758	1.6	23.0	.24	3.5
1969	64,832,584	9,591	12	229	5,402,715	283,112	1.3	24.1	.19	3.6
1970	64,884,103	10,214	15	272	4,325,607	238,544	1.5	26.6	.23	4.2
1971	58,415,239	10,571	15	236	3,894,349	247,522	1.4	22.3	.25	4.0
Average-90 years	47,079,920	43,243	96	950	489,962	49,559	2.23	22.0	2.04	20.2

† July 1, 1924 to December 31, 1925.

Note.—From 1882 to 1890 only net tons are shown.

### III LABOR AND EMPLOYMENT—TABLE 19—FATAL ACCIDENTS BY OCCUPATION AND CAUSES, 1971

Occupation	Underground						In shaft			On surface				Grand Total		
	Fall of roof and slides	Machinery	Haulage	Electricity	Mine fires	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars		Other causes	Total
Basic Workman																1
Continuous Miner Operator	2						2							1	1	2
Driller		1					1									1
Electrician				1			1									1
Laborer						1	1									1
Loading Machine helper	1						1									1
Motorman	1						1									1
Repairman	1			1			2									2
Roof Bolter		2					2									2
Shooter	1						1									1
Shuttle Car operator			1				1									1
Welder												1			1	1
TOTAL	6	3	1	2		1	13					1		1	2	15

### III LABOR AND EMPLOYMENT—TABLE 20—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1971

Year	Total number killed	Underground						In shaft				On surface				
		Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1882	40	26				5	9	40								
1883	134	40	12		2	2	78	134								
1884	46	29	4			6	7	46								
1885	39	20					19	39								
1886	52	32			5		10	47	1		4	5				
1887	41	28					13	41								
1888	54	33			6		9	48	4	2		6				
1889	42	26			5		3	35	2	4		7				
1890	52	36	5		3		4	48		4	1	4				
1891	58	33	4		3	11	1	51	1	4	2	7				
1892	56	28	3		6	4	3	44	8	4		12				
1893	68	48	2		2	6	2	60	3	4	1	8				
1894	70	43			6	8		57	5	8		13				
1895	75	38	5		6	12	2	63	5	4	1	10	1			2
1896	77	41	2		9	9	2	63	6	5		11	1	1		3
1897	69	46	2		1	11		60	6		1	7	1			2
1898	75	43	7		3	11	2	66	4	2		6	1	1	1	3
1899	84	51	5		6	6	6	74	4	5		9		1		3
1900	94	51	1		11	20		83	1	4	2	7	2			4
1901	99	57	1		14	20	3	95	1	1		2			2	2
1902	99	55			15	17	1	88	7	2		9			2	2

III LABOR AND EMPLOYMENT—TABLE 20—Concluded

Year	Total number killed	Underground						In shaft				On surface			
		Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1903	156	77	8	18	1	41	2	147	2	6	8			1	1
1904	157	65		21	1	44	3	134	10	4	14	6	2	1	9
1905	199	80	59	11	1	32	3	186	5	6	12		2	1	9
1906	155	84	2	22		22	1	131		1	15	3	4	2	9
1907	165	84	4	29	1	25	2	145			14		4	2	6
1908	183	91	7	35	1	29	1	164			17	4	5	2	13
1909	213	84	44	30	2	29	1	190		3	10	4	5	2	13
1910	406	65	20	23	2	17	258	386	4	4	9	3	5	2	18
1911	157	80	8	40	1	10	4	143		2	9			1	1
1912	180	98	3	38	3	13	12	167	6	3	9			5	5
1913	175	81	10	50	6	10	5	162	5	4	10			4	4
1914	159	83	6	40	6	6	7	148	2	1	3			3	3
1915	180	57	68	27	2	9	12	175	1		3			8	8
1916	165	80	12	43	4	13	1	153	4		4	2	6	2	2
1917	207	77	19	67	7	12	3	185		1	5	5	9	3	18
1918	259	100	27	70	13	20	4	234	8	8	18		4	3	7
1919	208	93	31	51	7	12	1	195	4	4	10		2	1	7
1920	181	91	7	41	14	9	5	167	8	2	10	1	2	1	3
1921	222	112	6	54	9	20	8	209	2	4	6	1	4	2	4
1922	159	71	15	29	8	17	7	147	2	1	6		5	1	7
1923	161	82	2	40	6	13	6	149	3	1	5		4	3	6
1924	184	76	40	37	5	10	8	176	2	2		2	2	7	7
1925	183	89	5	46	12	11	9	172	1	2	3	3	3	2	4
1926	165	85	13	39	5	7	4	153	7	1	9	1	1	1	8
1927	106	44	17	18	5	5	8	97	3	1	4	2	2	1	3
1928	139	72	23	21	2	6	5	129	1	1	2	1	4	3	5
1929	109	52	8	24	5	6	5	100	1	2	3	2	2	6	6
1930	112	72	4	20	3	2	5	106		1	1	1	2	2	5
1931	90	54	2	15	6	2	5	84		4	4		1	1	2
1932	114	33	54	10		4	4	105					4	5	9
1933	71	45	1	12	3	3	3	67	3		3		1		1
1934	86	48		18	5	2	5	78				3		5	8
1935	82	34	1	17	3	3	15	73	2	1	3		1	4	6
1936	93	54	2	12	1	2	16	85				2		6	8
1937	83	45	2	17	2		9	75				2		5	7
1938	85	41	5	16	1	5	6	74	1		1		4	5	10
1939	80	47		20	4	1	3	75			1	1	1	2	4
1940	84	45	1	17	2	1	9	75		1	1	1	2	4	7
1941	92	45	11	13	4	8	7	88	1		1	2	1		3
1942	94	47		19	2	3	9	80						14	14
1943	97	47	1	27	2	5	3	85	1		2	2	3	5	10
1944	87	57		19	4	2	1	83		1	3	3	2	3	9
1945	75	40		15	3			63	2		2	5	2	2	9
1946	61	31		16		2	7	56	2		1	2	1		3
1947	204	30	141	18	2	1		192	1		1	2	4	5	11
1948	68	40		14		1	2	58		1	3		2	2	7
1949	38	30		4		4	34					2		3	4
1950	45	24		11	2	1	2	40				1	1	3	5
1951	154	19	119	5		1	3	147				1	2	4	7
1952	31	15		8	2		1	26					1	4	5
1953	28	16		6		1		23					3	2	5
1954	23	9		6		1	1	16	3		3	1	1	2	4
1955	18	8		4	1	1	1	15				1	2		3
1956	20	10		7			2	19						1	1
1957	21	14		2				18			1	1	1	1	3
1958	9	4				1	1	5		1	1			3	3
1959	10	6				1	7	1					1	2	3
1960	10	2		1			1	4				2	1	3	6
1961	7	3		1	1			5				1	1		2
1962	20	4	11	1			1	17				2		1	3
1963	16	8					4	12				2	1	1	4
1964	9	3					4	7					1	1	2
1965	13	4					2	6	1		1	2		4	6
1966	9	5						5					1	2	4
1967	20	4		1	3		3	11			5	5	2	2	9
1968	15	5		1			2	8	1		1		6	7	7
1969	12	1		1			2	4				2	2	4	8
1970	15	3		2	1		2	8			2			5	7
1971	15	6		1	2		4	13			1			1	2

III LABOR & EMPLOYMENT—TABLE 21—COMPARATIVE STATISTICS OF FATAL ACCIDENTS FOR THE PERIOD 1962 to 1971 INCLUSIVE AND TONS MINED TO ONE MAN KILLED

Year	Fatals	Tons mined	Tons mined to one man killed	Year	Fatals	Tons mined	Tons mined to one man killed
1962 . . . .	20	48,353,913	2,417,696	1967	20	64,814,771	3,240,739
1963 . . . .	16	51,642,431	3,227,652	1968	15	62,143,076	4,142,872
1964 . . . .	9	54,834,488	6,092,721	1969	12	64,832,584	5,402,715
1965 . . . .	13	58,232,480	4,479,421	1970	15	64,884,103	4,325,607
1966 . . . .	9	63,212,697	7,023,633	1971	15	58,415,239	3,894,349
TOTALS	67	276,276,009	4,123,523	TOTALS	77	315,089,773	4,092,074

III LABOR AND EMPLOYMENT—TABLE 22—FATAL ACCIDENTS—1971

County	Date of injury	Date of death	Name	Residence	Age	Married	Single	Widow	Children	Dependents	Name of Operator and number or letter of mine	Occupation	Cause of death
Christian	3-5	3-5	Lancaster, Dean V.	Kincaid	49	x		1	2	3	Peabody Coal Co. #10	Shuttle Car Operator	Head hit bottom of overcast.
Jefferson	3-25	3-25	Sample, Kenneth M.	Sesser	31	x		1	3	4	Freeman Coal Corp. #3	Miner Operator	Operating C. Miner at time when roof fall occurred.
Williamson	4-7	4-7	Horn, Dewey	Marion	43	x		1		1	Barbara Kay	Motorman	Cleaning up back entries—Pickup Shell out face coal-coal fell on him.
Montgomery	4-9	4-9	McGown, Michael R.	Viriden	24		x			1	Freeman Coal Corp. Crown	Shooter	Picking up face coal-coal fell on him.
St. Clair	5-10	5-10	Bird, Donald	Darmstadt	31	x		1	2	3	Peabody Coal Co. High Wall #3	Electrician	Electrocution
Calhoun	5-15	5-15	Hock, Cecil L.	Herrin	24	x		1		1	Peabody Coal Co. Eagle #1	Loader Helper	Roof Fall
Macoupin	6-15	6-15	Lofler, Allan F.	Benid	37	x		1	3	4	Monterey Coal Co. #1	Laborer	Cable fell on him.
St. Clair	6-19	6-19	Legerreit, Wayne	Coulterville	33	x		1	3	4	Peabody Coal Co. River King	Day shift basic	Truck Collision
Christian	8-2	8-2	McGuire, Bill E.	Pawnee	50	x		1	2	2	Peabody Coal Co. #10	Roof Bolter	Machinery
Christian	8-6	8-6	Weatherford, Howard	Vergennes	50	x		1	1	1	Truax-Traer Coal Co. #3	Tipple Welder	Machinery
Christian	8-17	8-17	Cavatoria, Victor	Tovey	58	x		1	1	1	Peabody Coal Co. #10	Driller	Machinery
Williamson	8-18	8-18	Perry, Alfred	Johnston City	50	x		1	2	2	Zeigler Coal & Coke #4	Roof Bolter	Machinery
Franklin	9-28	9-28	Darnell, Raymond E.	Sesser	38	x		1	3	4	Old Ben Coal Co. #26	Repairman	Electrocution
St. Clair	11-20	11-20	Hess, Perry	Mascoutah	26	x		1	3	4	Peabody Coal Co. River King U G.	Repairman	Roof Fall
Macoupin	12-27	12-27	Yasinski, Gary M.	Divernon	25	x		1	1	2	Monterey Coal Co.	Continuous Miner Operator	Roof Fall

## SUMMARY OF FATAL ACCIDENTS 1971

Mr. Vesper Dean Lancaster, age 49, married, 2 dependent children, came to his death at or about the hour of 10:30 p.m. March 5, 1971 from a head injury accidentally received while in the performance of his duties at the Peabody Coal Company, Mine #10, Pawnee, Christian County, Illinois while operating a shuttle car. He had been employed at this mine for 6 years.

Mr. Lancaster was operating a shuttle car and was going under an overcast when his head hit the bottom of the overcast. He was evidently not sitting in the cab and his head was too high. The clearance at this point is 5 feet 1 inch. There were no abnormal conditions observed, and the shuttle car was checked and found in good working condition. It is down grade on both sides of the overcast. The extent of his injuries were bad lacerations to the head and probably broken neck. He was taken to the Memorial Hospital in Springfield, Illinois by ambulance, accompanied by his two buddies, Mr. Welburn, loading machine operator and Mr. Lahr, loading machine helper, and was pronounced dead on arrival at the hospital by a doctor.

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Mr. Kenneth Marland Sample, age 31, married, 3 dependent children, came to his death at 10:45 p.m. March 25, 1971, from a roof fall received while performing his duties as a miner operator at the Freeman Coal Mng. Corp., Orient Mine #3, Waltonville, Jefferson County, Illinois, where he had been employed for 1 year and 10 months.

Mr. Sample was working as a miner operator but not actually operating the miner at the time of the accident. He was apparently standing about 3 or 4 feet behind the bumper of the Miner while Mr. Daniel Bochantin was operating. A loaded shuttle car had just left the Miner when Mr. Ceaser Vanetti shouted a warning that the top was falling. Mr. Bochantin ran to the timbers near the right side of the Miner along with Mr. Vanetti, who was standing among the timbers. Evidently, Mr. Sample did not see the direction the fall was coming, attempted to go the same direction the shuttle car had taken, and was caught by the fall. According to the statement by Mr. Bochantin, the pump motor of the miner was still running at the time of the accident, and that he had not had this motor stopped for several minutes, even between shuttle cars.

Mr. Dewie W. Horn, age 43, married, no dependent children came to his death at 1:50 p.m. April 5, 1971, from severe crushing injuries sustained while performing his duties as a motorman at the Barbara Kay Coal Co., Mine #1, Marion, Williamson County, Illinois, where he had been employed 24 years.

The accident occurred near the mouth of the 4th Main West entry near the main bottom. This entry was being cleaned of rock and gob in preparation for the building of seals in the Old North West abandoned area. Loading equipment consisted of an 8BU loader and shuttle car. The loading crew encountered large rock that had to be broken up with sledge hammers in order to pass through the boom of the loader. The deceased, Mr. Horn, had finished breaking a rock in the hopper of the loader, and was in the act of leaving this area, when a ledge of rock on the right rib of the entry fell, knocking him against the loader frame and partially covering him. The piece of rock measured 11 feet in length, 22 inches thick, and 14 inches wide. The other workers, Mr. Thomas Horn (Brother), Mr. Van McGill, Mr. Randy Mitchell, and Mr. Laverne Ferrell testified that all workmen, including the deceased, had repeatedly tested this piece of rock, and in the judgement of all, it was safe. Within minutes Mr. Horn was removed from under the fall, taken to the surface by stretcher, and rushed to the Marion Memorial Hospital, Marion, Illinois where he was pronounced dead on arrival.

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Mr. R. Michael McGown, age 24, single, 1 dependent child, came to his death at 9:30 p.m. April 9, 1971 from crushing injuries received while performing his duties as a shooter at the Freeman Coal Mining Corp., Crown Mine, Farmersville, Montgomery County, Illinois where he had been employed for 1 year and 4 months.

Mr. Mike McGown was shooting room 12, on "A" entry, 7th Northwest. The middle and left rib bottom holes had been shot in the first sequence, right rib and bottom buster were shot in that order in the second sequence. When the bottom buster went off, it covered the right rib shell and hung it up. Mr. McGown was trying to free the shell with a pick, breaking the piece of coal that had it hung up when the face turned over covering him completely. The piece of coal on Mr. McGown measured 10 feet long, 5 feet wide, 22 inches on thin end, and 36 inches on the thick end and weighed approximately 3 tons. Injuries sustained were a crushed chest and head.



Mr. Donald Bird, age 31, married, 3 dependent children, came to his death at 10:50 p.m. May 10, 1971 from electrocution while performing his duties as an electrician at the Peabody Coal Company, Midwest Highwall #3 Mine, Freeburg, St. Clair County, Illinois, where he had been employed for 7 months.

Mr. Donald Bird, the deceased, and Mr. Kenneth E. Miller knew that the power was on the transformer and had been told by Mr. Bob Davidson not to do anything until he came back and told them the power was off. Mr. Bird pulled three switches on the outside end of the transformer and thought that he had cut off the power. He started to take off the plate with three male plugs coming out of the plate, and must have put his knee against the plugs, causing a short and burning him. He fell to the ground and his clothes were on fire. Mr. Miller put the fire out, and by this time a stretcher was available and Mr. Bird was put on it and taken from the mine.

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Mr. Cecil Lee Hock, age 24, married, no dependent children, came to his death at 3:20 p.m. May 15, 1971, from a roof fall while performing his duties as a Loader Helper at the Peabody Coal Co., Eagle #1 Underground Mine, Gallatin County, Shawneetown, Illinois, where he had been employed for 3 years.

The loader crew had loaded 53 shuttle cars of rock at the time of the accident. They were loading rock that had been shot down for an overcast. A space 42' long and 24' wide had been loaded out. This space was not supported, but was being scaled and sounded between shuttle cars. The loader operator was loading to the left on his last shuttle car of rock at the time of the accident. He was under supported roof at the time. Mr. Cecil Hock was also under supported roof to the right. He walked out into the area that was unsupported and which had been previously loaded out. A piece of shale fell from the roof knocking him down. The piece measured 21 feet long by 9 feet wide, 3 to 4 inches at the thickest point, tapering to feathered edges. He was taken to the surface and rushed to the Ferrill Hospital at Eldorado, Illinois. A Pnealator Resuscitator was used on him from the surface to the hospital. He was pronounced dead on arrival by Dr. Cody.

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Mr. Allan F. Lolie, age 37, married, 3 dependent children, came to his death at or about the hour of 5:30 a.m. on June 15, 1971 from an accident which occurred at 3:45 a.m. June 15, 1971. He sustained head injuries while in the performance of his duties, as a general in-

side laborer at the Monterey Coal Co., Mine #1, Carlinville, Macoupin County, Illinois, where he had been employed for 5 months.

Mr. Allan F. Lolie and two other men were cleaning along a belt on the Main North. Mr. Lolie had his lunch pail with him and the other two men left their pails some distance away. Mr. Robert Brown, shift leader, came by with two other men on a jeep and stopped to pick these three belt cleaners up to go to another job. Mr. Lolie, the victim, was standing near the track where the jeep was parked. He was standing directly under a high voltage cable. Mr. Brown asked him about some shovels and where the other men were, when the cable above Mr. Lolie fell striking him on the head, knocking him to the floor. This cable was dislodged from its hangers by a rail that was being unloaded some 425 feet away. The cable at this point was tied off by a nylon rope and hanging down to the floor. He was taken by ambulance to the area hospital in Carlinville with severe injuries to the head and was being transferred to St. John's Hospital in Springfield, Illinois but died en-route.

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Mr. Wayne Legereit, age 33, married, 3 dependent children, came to his death at 8:20 a.m. June 19, 1971, from haulage truck collision, while in the performance of his duties as a Day Shift Basic at the Peabody Coal Co., River King Pit #6, Lenzburg, St. Clair County, Illinois where he had been employed for 6 years.

Mr. Jerry McDowell, Superintendent, and Mr. Wayne Legereit, were coming out of #2A incline and the haulage truck was going into this incline. Mr. McDowell was driving and it was raining hard. Mr. McDowell ran across the road in front of the haulage truck, about 200 feet out by the #2A incline. He must have seen the truck and put on his brakes causing the pickup truck to slide. His left front side ran under the right side of the haulage truck pinning Mr. McDowell in the truck, and fatally injuring Mr. Legereit.

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Mr. Bill E. McGuire, age 50, married, one dependent child, came to his death at 8:20 p.m., August 2, 1971, from a crushing blow while performing his duties as roof bolter at Peabody Coal Company, Mine #10, Pawnee, Christian County, Illinois, where he had been employed for 3 years.

Mr. Bill McGuire was fatally injured by a crushing blow to the chest area while working in his regular classification as roof bolter. He along with his co-worker, Mr. W. Calloway, Jr. were putting up roof bolts in the last open crosscut between room 10 and 11 on the AB side

of the 3rd west off the 18 North off the 5 West off the Main South. The roof bolter was moved to position to put up a row of bolts. As the victim started to position his side of the bolter to put up a bolt, it struck him in the chest area resulting a fatal injury.

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Mr. Howard Weatherford, age 50, married, no dependent children, came to his death at 1:30 p.m. August 6, 1971, from being knocked unconscious and transported by the belt conveyor into the unit train and coal loaded into the train thus resulting in crushing injuries and death while in the process of making repairs. His occupation was tippie welder at Truax-Traer Coal Corporation, Burning Star #3, Schu-line, Randolph County, Illinois, where he had been employed for 5 years.

On the day of the accident Bill Hall, Melton Hawkins, and Roger Wright repaired in the coal stacker tunnel on the #1 Shake-Out Feeder for clean coal until 11:25 a.m. The repairs were not complete when a unit train of 72 cars was moved into position at 11:30 a.m. to be loaded. Due to the length of track only 70 cars could be placed in position with two cars parked on a siding. Mr. Hall told Mr. Hawkins and Mr. Wright to return to their routing jobs and that the night shift would complete the repairs on the #1 belt feeder.

Mr. Howard Weatherford loaded the unit train from 11:30 a.m. to 12:00 p.m. and went to lunch. He returned at 12:30 and finished loading the 70 car unit train at 12:55 p.m. Mr. Weatherford and Richard Lemons left the loadout tower at 12:55 p.m. to wait for the train crew to take out the 70 loaded cars and to position the remaining two empty coal cars under the loadout tower, which would take approximately 45 minutes. Mr. Weatherford and Mr. Lemons, walked over to the Foreman's trailer near the preparation plant. Mr. Weatherford told Mr. Lemons that he was going to complete the repairs on the shake-out feeder as it would only take a few minutes. Mr. Lemons went about his duties in the preparation plant and said he saw Mr. Weatherford going toward the stacker tunnel. At approximately 1:05 p.m. Mr. Roger Wright and Mr. Don Hicks also saw Mr. Weatherford enter the stacker tunnel as they went to the loadout tower. When Mr. Wright reached the loadout tower, he started the tunnel belt to fill the two coal bins at the tower at 1:20 p.m.

Mr. Hawkins went into the stacker tunnel at 1:30 p.m. and went to the #1 shake-out unit. The belt was not running as the two coal bins had been filled. Mr. Hawkins noticed that the repairs were almost completed and tools had been left at the location. Mr. Hawkins stated that he locked out the belt safety switch and completed the repairs. He

then walked to the load out tower and asked Mr. Hicks and Mr. Wright if they had seen Mr. Weatherford. They informed him that they had seen him enter the tunnel and assumed that he had returned to his regular job on the dumping station and raw coal feeder. At 3:45 p.m. when Mr. Weatherford did not appear at the preparation plant wash room, a search was begun for him.

After checking the surface, stacker tunnels, and coal bins, Mr. Weatherford could not be located and the Kellogg Dock was called and told to hold the unit train. Mr. Hall, Mr. Hicks, and Mr. Wright proceeded to the Kellogg Dock and started to empty the first car that was loaded after Weatherford entered the tunnel. Mr. Weatherford was found in the bottom of the first car and was dead on removal from the car.

Investigation on the following day in the stacker tunnel due to the absence of witnesses to the accident, assumed that when Mr. Weatherford was completing the repairs he was standing on the belt when Mr. Wright started the belt, to fill the coal bins at 1:20 p.m. and was knocked unconscious and transported by the belt to the coal bin and then into the coal car. There was a belt lock out safety switch within 15 feet of the area where the work was performed. A contributing factor was that the safety horn that preceded the starting of the belt could not be heard in the area of the repairs due to the noise of the raw coal belt and raw coal feeders.

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Mr. Victor Cavatorta, age 58, married, no dependent children, came to his death at 9:15 a.m. August 17, 1971, from crushing injuries received while performing his duties as a belt shoveler at Peabody Coal Company, Mine #10, Pawnee, Christian County, Illinois, where he had been employed 19 years.

Mr. Cavatorta was a classified driller, but upon his request had been used as a belt shoveler for about 6 months. There was no eyewitness to this accident but after investigation the conclusion drawn was as follows:

The victim for some unknown reason stepped on the framework of the combination tail and inadvertently placed his foot on the moving belt and was pulled into the tail roller. The body was recovered and taken on top at 1:05 p.m.

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Mr. Alfred Perry, age 50, married, one dependent child, came to his death at 10:50 a.m. August 18, 1971, from a blow to his neck while performing his duties as a roof bolter at the Zeigler Coal Company,

Mine #4, Johnston City, Williamson County, Illinois, where he had been employed 2 years.

Mr. Alfred Perry and Mr. Louis Scoffie were roof bolting in the 32 south west entry off the south east. The entry is 17 feet wide and 9 feet 4 inches in height. Mr. Perry was drilling on the right side and was using a 5 foot auger on a 2 foot roof bolt wrench. When he got the hole drilled 14 inches into the roof, the roof bolt wrench slipped off the 5 foot auger and struck the deceased on the right side of the neck. Mr. Scoffie stopped the drill and called for help. It was found then that the deceased did not have a pulse and was not breathing. He was taken to the surface where Dr. Albert of Johnston City pronounced him dead at 12:00 a.m. The roof bolter was checked and found to be in a safe operating condition.

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Mr. Raymond E. Darnell, age 38, married, 3 dependent children, came to his death at approximately 5:40 p.m. on September 28, 1971 by electrocution while working as a repairman on a Goodman Continuous Miner at the Old Ben Coal Corp., Mine #26, Sesser, Franklin County, Illinois.

Mr. Terry Chance stated that while working with the victim and other crew members in the process of removing a broken bolt from the tool holder, it was discovered that the arms of the machine had to be extended to finish the welding. In order to do this the machine was moved backward approximately three feet. After moving the machine, Mr. Darnell returned to the front of the machine and at this time discovered a power failure in the portable arc welder. Assuming that the welder power lead connection's had become disrupted while moving the machine, Mr. Darnell started toward these connections on the machine and requested Mr. Chance to de-energize the machine power at the transformer which was approximately 300 feet from this point.

At the same time, Mr. Chance arrived at the transformer station the blower fan shut off. At this time the face boss yelled "Hurry, pull the power". Instantly, Mr. Chance heard the transformer toggle switches kick off, and he immediately ran to the rear of the transformer and pulled all power.

Mr. Cecil Swain, the face boss, states that while standing in front of the machine he heard the blower fan shut off, moments later he heard Mr. Obe Roberts yell loudly "Pull the power." He then yelled for Mr. Terry Chance to hurry and pull the power. Mr. Obe Roberts, shuttle car operator, states that he was facing the opposite direction, sitting on the shuttle car approximately 30 feet from Mr. Darnell, when he heard Mr. Darnell groan loudly. He immediately ran to the

victim observing him in a standing frozen position. He then grabbed the victim by the belt jerking him loose from the power source. Immediately the entire crew assisted in giving artificial respiration to the victim continuously for approximately  $1\frac{1}{4}$  hours. At this time Dr. Love arrived on the scene and pronounced the victim deceased.

It is the opinion of the writers of this report (Dayton McReaken and Byrd Rich), who were also members of the investigation party, that Mr. Darnell was standing at the point where the welder power leads were connected to the power source on the machine waiting for Mr. Chance to pull all power. When the blower fan went off, Mr. Darnell, although knowledgeable that the fan power circuit is separate from the machine power circuit, subconsciously thinking that all power was pulled, took hold of the loose energized phase lead to replace it on post terminal on the continuous miner.

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Mr. Perry Hess, age 26, married, 3 dependent children, classified as a Repairman at the Peabody Coal Company, River King Underground Mine #1, Freeburg, St. Clair County, Illinois was injured at 5:40 p.m. by a roof fall which resulted in his death at 6:00 p.m. on November 20, 1971.

Mr. Hess, the repairman, was called to roof bolter to change the broken chuck on the left arm of the Manson Roof Bolter. Mr. Hess and Mr. Williams, roof bolter on the left side, must have been examining the broken chuck under unsupported top about 5 feet beyond the roof bolts. A piece of clod top fell, knocking Mr. Williams against the rib and knocking Mr. Hess down causing a fatal injury. The big piece of rock hung on the chuck of the left arm of the roof bolter. This piece of rock was  $4' \times 7\frac{1}{2}' \times 10''$  thick in center, tapering off to nothing on 3 sides. The room was  $17\frac{1}{2}'$  wide where the rock fell.

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Mr. Gary Yasinski, age 25, married, one dependent child, came to his death at 11:00 a.m. on December 27, 1971 from an injury received at approximately 9:30 a.m. by a fall of (clod) rock while in the performance of his duties at the Monterey Coal Company #1 Mine, located near Carlinville, Macoupin County, Illinois.

Mr. Yasinski was working in his regular classification, a machine operator. According to Mr. John Hahn, who was working with Mr. Yasinski and was a witness to the accident, Gary Yasinski was getting ready to paint the sites on the roof. Mr. Hahn looked up and saw Gary Yasinski covered with rock. He started moving rock off of Mr. Yasinski, and called for a stretcher. The victim was placed on a

stretcher and transported out of the mine. He arrived on top at about 9:55 a.m., and was immediately placed in a waiting ambulance and taken to the Carlinville Area Hospital where he was attended by two doctors. Mr. Yasinski expired at about 11:10 a.m. from multiple internal injuries.

### III LABOR & EMPLOYMENT—TABLE 23—WORKING TIME-ALL MINES

	Average days worked			
	1970	1971	Increase (+) Decrease (-)	Percent of Increase (+) Decrease (-)
All Mines .....	206	184	-22	-10.7

### III LABOR & EMPLOYMENT—TABLE 24—EMPLOYEES-ALL MINES

	Number employed		Gain (+) Loss (-)	Percent of Gain (+) Loss (-)
	1970	1971		
All Mines .....	10,214	10,571	+357	+3.5



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## IV *Mechanization*

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IV MECHANIZATION—TABLE 25—MACHINE MINING FOR THE PERIOD  
1928 TO 1971 INCLUSIVE, ALL MINES

Year	Entire output			Part of output			Total			Per cent of	
	Mines	Ma- chines	Tons	Mines	Ma- chines	Tons	Mines	Ma- chines	Tons	Mines	Tons
1928	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930	90	1,100	26,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931	85	1,103	28,190,836	36	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	53.0	71.9
1933	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934	87	929	27,231,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2
1936	93	981	32,700,420	15	81	3,127,236	108	1,062	35,827,656	61.4	78.8
1937	90	884	33,816,349	13	43	740,231	103	927	34,031,392	61.3	64.9
1938	92	835	26,628,552	7	23	310,720	99	958	26,939,302	61.7	63.6
1939	92	746	30,312,078	5	9	285,292	97	755	30,597,370	66.4	71.2
1940	124	901	34,680,322	1	2	42,870	125	903	34,723,192	90.0	74.0
1941	84	957	37,951,424	4	22	197,712	88	979	38,149,136	86.0	68.9
1942	116	818	46,428,214	4	5	71,643	120	823	46,499,857	85.0	70.7
1943	100	656	51,090,624				100	658	51,090,624	21.0	72.2
1944	189	812	56,178,300				189	812	56,178,300	49.7	72.5
1945	184	780	53,999,655				184	780	53,999,655	48.4	73.5
1946	201	798	46,660,727	1	2	54,189	202	800	46,714,916	54.8	73.4
1947	184	700	48,791,054				184	700	48,791,054	52.1	71.4
1948	174	697	46,373,080	12	25	282,844	186	722	46,655,924	54.3	70.5
1949	176	694	32,890,158	8	17	103,326	184	711	32,993,484	54.6	75.1
1950	170	656	37,692,319	5	15	74,453	175	671	37,766,772	50.0	65.9
1951	167	604	36,016,095	4	11	65,163	171	615	36,081,258	56.6	65.8
1952	151	508	28,788,980				151	508	28,788,980	57.4	62.9
1953	127	388	29,129,556	1	1	1,950	128	389	29,131,506	55.2	63.4
1954	111	334	25,204,139	3	5	14,945	114	339	25,219,084	55.3	60.4
1955	91	256	26,935,614				91	256	26,935,614	45.9	59.0
1956	82	220	28,095,001	1	3	5,000	83	223	28,100,001	43.8	58.8
1957	80	194	26,767,434				80	194	26,767,434	41.0	57.3
1958	74	176	23,147,089				74	176	23,147,089	41.3	52.9
1959	65	155	23,355,034				65	155	23,355,034	40.9	51.5
1960	61	132	23,099,304				61	132	23,099,304	43.0	50.4
1961	55	113	22,203,257				55	113	22,203,257	43.0	49.2
1962	47	87	23,750,040				47	87	23,750,040	40.5	49.2
1963	42	90	24,426,009				42	90	24,426,009	36.2	47.3
1964	40	91	24,878,351				40	91	24,878,351	37.0	45.4
1965	36	76	25,571,442				36	76	25,571,442	37.0	43.9
1966	29	70	27,132,171				29	70	27,132,171	34.5	42.9
1967	25	61	27,650,000				25	61	27,650,000	32.5	42.7
1968	23	60	26,084,430				23	60	26,084,430	33.3	42.7
1969	28	46	30,172,627				28	46	30,172,627	45.2	46.5
1970	29	53	31,615,570				29	53	31,615,570	45.3	48.7
1971	27	44	29,453,926				27	44	29,453,926	42.9	50.4

IV MECHANIZATION—TABLE 26—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT: NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES BY YEARS—1907-1968,\* ALL MINES—1969-1971

Year	Mines operated	Total tons mined	Mined in strip mines				Machine mining						Motor hauling					
			Number of—		Per cent of—		Number of—				Per cent of—		Number of—				Per cent of—	
			Mines	Tons mined	Mines	Tons mined	Mines using	Machines used	Tons under-cut	Mines	Tons undercut	Mines using	Motors used	Tons hauled	Mines using	Tons hauled		
1907	411	46,436,839					101	1,105	14,490,454	24.6	31.2	75	129	16,542,575	18.3	35.6		
1908	407	47,809,730					105	1,106	15,210,443	25.7	31.8	88	185	19,024,665	21.6	39.8		
1909	384	47,958,562					107	1,246	16,407,692	27.9	34.2	96	210	21,892,462	25.0	45.6		
1910	390	47,225,021					114	1,289	18,176,254	29.2	38.5	106	229	23,204,480	27.2	49.1		
1911	387	48,758,657	1	45,153	3	1	126	1,430	19,998,259	32.6	41.0	137	316	29,310,173	35.5	60.2		
1912	380	56,096,695	5	53,762	1.3	1	129	1,581	25,550,059	34.4	45.5	165	381	37,958,050	44.0	67.7		
1913	371	60,515,416	4	117,790	1.1	2	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737	50.4	76.5		
1914	340	59,279,182	4	181,520	1.2	3	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729	56.8	80.2		
1915	280	56,172,566	2	195,486	1.7	3	131	1,686	34,057,426	47.1	60.8	172	604	47,239,554	62.6	85.8		
1916	284	62,283,236	3	344,372	1.1	6	139	1,817	39,312,376	49.9	63.5	176	648	53,140,005	62.8	87.3		
1917	324	77,412,054	5	419,475	1.5	6	151	1,920	47,232,880	47.3	61.3	200	774	67,196,786	65.7	87.3		
1918	370	88,306,228	4	498,347	1.1	6	174	2,054	50,927,291	47.5	57.0	240	960	77,662,919	65.6	88.4		
1919	373	73,751,721	3	393,894	8	5	199	2,124	42,993,172	53.8	58.6	259	1,144	66,686,930	70.0	90.9		
1920	373	72,409,610	3	367,009	8	5	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191	74.6	92.2		
1921	389	78,339,082	3	437,007	8	6	235	2,760	50,243,470	59.1	64.5	280	1,406	71,329,567	72.5	91.6		
1922	352	61,406,093	5	533,923	1.4	9	205	2,762	41,168,621	59.1	69.3	232	1,364	55,208,080	70.0	90.4		
1923	374	73,410,837	6	895,608	1.6	12	241	3,049	51,057,868	65.5	70.4	285	1,547	70,863,815	77.4	97.7		
1924	329	70,324,363	11	1,184,288	3.3	17	215	3,033	50,064,304	67.7	72.5	259	1,565	65,900,698	82.7	95.3		
1925	255	10,001,299	18	4,722,597	7.1	47	165	2,540	74,826,359	69.6	78.5	195	1,360	92,185,121	82.3	96.7		
1926	244	67,836,441	16	3,482,611	6.6	51	149	2,259	50,736,684	65.4	78.8	182	1,288	61,486,775	88.0	95.5		
1927	241	44,926,433	15	2,756,410	6.2	61	151	2,397	32,681,281	66.8	77.5	180	1,250	40,144,446	80.0	95.3		
1928	206	54,284,184	17	5,250,501	8.5	89	139	1,989	45,907,547	76.0	85.3	156	1,281	52,426,315	85.2	97.4		
1929	200	59,075,995	17	5,220,336	8.1	120	129	1,606	40,015,407	75.9	87.2	133	1,201	41,181,378	78.2	87.2		
1930	185	51,996,608	16	6,548,798	9.6	152	111	1,385	32,587,944	73.5	89.2	123	1,205	35,459,159	81.4	97.1		
1931	167	43,073,058	16	6,628,228	10.5	211	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088	85.5	98.3		
1932	162	31,402,399	17	6,628,228	10.5	211	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088	85.5	98.3		
1933	159	35,390,677	20	5,599,006	12.6	158	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870	84.2	98.9		
1934	172	38,655,527	26	6,008,218	15.1	155	101	1,042	29,395,102	58.7	90.0	124	1,156	32,378,082	72.1	83.8		
1935	182	41,014,414	28	7,481,349	15.4	181	103	1,011	30,857,109	60.9	90.0	122	1,137	33,686,091	79.2	93.8		
1936	176	47,285,587	30	8,873,229	17.0	188	108	1,062	35,827,656	74.0	93.3	123	1,240	37,950,347	84.4	98.8		
1937	168	48,062,076	30	11,176,074	17.8	233	103	927	34,031,392	61.3	92.3	116	1,288	36,341,172	84.1	98.5		
1938	149	38,442,859	25	10,058,999	16.8	262	99	958	26,939,302	66.4	94.9	106	1,251	27,988,198	85.5	72.0		
1939	146	42,994,107	26	11,295,547	17.8	262	92	740	30,312,078	63.0	95.6	106	1,230	31,318,349	88.3	74.0		
1940	139	46,071,806	27	12,024,635	19.5	262	124	903	34,734,192	60.0	74.0	124	1,112	36,972,431	89.1	82.0		
1941	143	51,033,319	30	13,367,089	20.4	261	91	632	35,944,467	56.4	70.5	95	954	38,012,446	74.2	74.5		
1942	141	61,124,628	28	15,484,712	18.0	220	100	658	51,090,624	70.7	76.3	105	1,240	43,064,306	76.0	70.0		
1943	140	68,971,621	26	17,486,528	20.2	230	102	684	54,412,942	64.5	73.3	106	1,312	55,060,045	67.5	74.4		
1944	157	73,958,923	31	17,108,528	23.2	220	102	684	54,412,942	64.5	73.3	106	1,312	55,060,045	67.5	74.4		
1945	159	70,322,301	37	16,203,763	22.3	220	102	684	52,234,080	64.1	74.5	102	1,262	53,278,465	64.1	76.4		
1946	160	60,932,785	36	14,302,339	22.5	234	106	798	46,660,727	66.3	76.5	109	1,337	46,215,166	68.7	75.8		
1947	160	64,612,627	38	17,821,339	22.0	274	103	637	46,770,716	64.4	72.4	98	1,271	42,983,109	61.3	66.5		
1948	160	62,494,412	45	16,758,306	28.1	268	100	577	44,784,161	62.5	71.6	99	1,118	42,270,669	55.6	67.6		
1949	157	44,772,617	45	12,835,980	28.7	286	103	570	31,579,018	65.6	70.5	94	1,107	31,419,416	59.9	70.2		
1950	149	54,556,918	39	16,469,126	26.2	303	98	543	36,337,125	65.8	66.9	99	1,153	38,468,443	66.4	70.7		
1951	136	52,595,098	33	17,289,932	24.3	329	94	496	35,078,767	69.1	66.7	95	1,073	32,885,513	69.9	62.5		
1952	111	43,274,400	27	15,340,989	24.3	355	77	391	27,824,311	69.4	64.2	97	883	26,271,031	69.4	60.7		
1953	97	43,847,321	29	15,395,734	29.9	353	63	299	28,312,383	64.9	64.6	59	651	23,803,952	60.8	54.3		
1954	87	40,017,802	28	15,388,078	32.2	385	54	240	24,606,444	62.1	61.5	49	609	19,362,624	56.3	48.4		
1955	85	43,880,729	35	17,535,630	41.2	400	47	178	26,320,724	55.3	60.0	46	434	22,134,856	54.1	50.4		
1956	88	45,598,982	42	18,041,603	47.7	396	44	160	27,474,383	50.0	60.3	41	406	22,083,913	46.6	48.5		
1957	92	44,532,214	50	18,439,200	54.3	414	40	140	26,069,830	43.4	58.5	37	381	20,732,578	40.2	46.5		
1958	85	41,856,967	49	19,318,772	57.6	462	34	123	22,524,173	40.0	53.8	26	252	17,996,825	30.1	41.5		
1959	83	43,515,737	46	20,532,528	55.4	472	34	113	22,974,451	41.0	52.8	31	269	18,047,376	37.3	32.3		
1960	78	43,703,382	40	20,946,982	51.3	479	36	100	22,744,109	46.2	52.0	30	249	14,105,870	34.3	22.0		
1961	67	42,825,911	36	20,999,859	53.7	490	26	83	21,823,768	38.8	51.0	21	145	9,401,846	31.2	23.8		
1962	64	45,262,974	37	22,482,457	57.8	497	22	61	22,780,517	34.4	50.3	20	110	10,782,372	31.2	23.3		
1963	67	48,375,564	42	25,194,264	62.6	521	22	62	23,181,300	32.8	52.1	19	87	12,005,935	28.3	24.4		
1964	68	51,888,467	40	27,863,966	58.8	537	23	68	24,024,501	33.8	46.3	19	97	11,393,993	27.9	22.0		
1965	63	55,452,130	39	30,714,714	61.9	554	18	56	24,737,416	28.6	46.6	17	84	13,035,683	27.0	23.5		
1966	56	59,261,953	35	33,726,863	62.5	569	15	50	25,535,090	26.8	43.1	14	73	14,077,962	26.9	23.3		
1967	52	60,488,521	32	34,794,177	61.5	575	15	49	25,694,344	28.8	42.5	14	64	7,237,522	22.9	12.7		
1968	48	57,870,871	25	34,142,920	52.1	592	14	44	23,527,751	29.2	40.8	11	49	8,252,837	24.1	12.7		
1969	62	84,832,584	34	34,859,957	54.8	595	18	51	30,172,827	29.0	48.5	11	49	6,489,554	17.2	10.0		
1970	64	64,884,103	35	33,268,533	54.7	513	18	53	31,615,570	28.1	48.7	11	49	6,489,554	17.2	10.0		
1971	63	58,415,239	36	28,961,313	57.1	496	15	44	29,453,926	28.6	50.4	13	89	7,091,251	20.6	12.0		

# IV MECHANIZATION—TABLE 27—METHOD OF LOADING IN ALL MINES—1971

Name of operator	Mobile loading machines			Tons loaded
	Total tons produced	Number in use	Machine shifts used	
Barbara Kay Coal Co., Inc.	90,375	1	187	90,375
Consolidation Coal Co., "Hillsboro"	1,113,216	8*	2,170	1,113,216
Freeman Coal Mining Corp. "Crown"	1,093,232	6-2*	2,332	1,093,232
Freeman Coal Mining Corp. #3	2,339,077	12*	5,115	2,339,077
Freeman Coal Mining Corp. #4	1,075,913	5*	2,149	1,075,913
Freeman Coal Mining Corp. #5	1,062,773	4	1,904	1,062,773
Freeman Coal Mining Corp. #6	1,819,742	11*	4,404	1,819,742
Harrisburg Coal Co. #1	88,466	1	170	88,466
Hazel Dell Coal Corp.	33,433	2	300	33,433
Inland Steel Company	1,859,825	8*	2,392	1,859,825
Monterey Coal Company	1,169,874	7*	2,306	1,169,874
Old Ben Coal Corp. #21	1,976,204	10*	4,485	1,976,204
Old Ben Coal Corp. #24	2,428,674	11*	5,598	2,428,674
Old Ben Coal Corp. #26	1,975,389	11*	4,585	1,975,389
Peabody Coal Co. #10	4,078,815	8-3*	4,536	4,078,815
Peabody Coal Co. Eagle #1	624,072	1-6*	2,043	624,072
Peabody Coal Co. River King U.G. #1	1,027,156	9*	4,410	1,027,156
Peabody Coal Co. Eagle #2	1,077,185	7-1*	1,776	1,077,185
Peabody Coal Co. Midwest Hi-Wall U.G. #3	579,822	2	446	579,822
Sahara Coal Co., Inc. #5	427,628	3	1,278	427,628
Sahara Coal Co., Inc. #16	295,844	1-1*	661	295,844
Sahara Coal Co., Inc. #20	508,928	3-1*	1,624	508,928
Sahara Coal Co., Inc. #21	166,580	1-2*	383	166,580
V-Day Coal Co., Inc.	32,272	1	150	32,272
Zeigler Coal Co., "Murdock"	926,278	2	3,942	926,278
Zeigler Coal Co., Spartan #2	739,713	3	1,242	739,713
Zeigler Coal Co., #4	843,440	5*	5,270	843,440
TOTAL	29,453,926	159	65,858	29,453,926

\* Continuous Mining Machines—115

IV MECHANIZATION—TABLE 28—MECHANICAL LOADING IN SHIP-  
PING MINES FOR THIRTY-NINE YEARS—1931-1968, \* ALL  
MINES—1969-1971

Year	Entire output			Part of output			Total			Per cent of—	
	Mines	Ma- chines	Tons loaded	Mines	Ma- chines	Tons loaded	Mines	Ma- chines	Tons loaded	Mines	Tons loaded
1931	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0
1939	47	611	20,023,681	19	245	6,631,893	66	856	26,655,664	45.2	62.0
1940	50	631	26,413,496	14	130	4,437,590	64	761	30,851,086	46.0	71.0
1941	58	561	29,308,412	18	127	4,359,361	76	688	33,667,773	51.7	65.9
1942	66	631	37,350,137	12	112	4,554,664	78	743	41,904,801	55.3	68.5
1943	56	598	45,422,135	15	96	3,174,933	71	694	48,597,068	48.2	69.0
1944	60	577	45,529,829	14	102	5,790,101	74	679	50,719,930	45.2	65.5
1945	59	562	43,152,237	15	102	6,116,885	74	664	49,269,122	46.7	70.6
1946	64	566	38,527,365	11	86	4,089,527	75	652	42,616,892	46.8	70.0
1947	65	584	42,946,063	9	48	1,377,780	78	632	44,323,843	47.4	67.0
1948	70	559	42,469,316	3	28	729,222	73	587	43,198,538	45.6	68.0
1949	63	542	29,263,382	3	15	1,217,785	66	557	30,481,167	42.0	68.2
1950	70	531	37,855,197	3	6	32,595	73	537	37,887,792	49.0	69.7
1951	68	489	33,531,058	3	6	611,126	71	495	34,142,184	52.2	64.9
1952	69	365	26,549,584	8	13	611,541	67	378	27,161,125	60.4	62.7
1953	50	305	27,451,029	4	12	560,052	54	317	28,011,081	55.6	63.8
1954	48	263	24,416,023	1	1	7,216	49	264	24,423,248	56.3	61.0
1955	42	219	26,158,407	1	1	11,494	43	220	26,345,099	50.5	60.0
1956	39	193	27,347,356				39	193	27,347,356	44.3	60.1
1957	42	188	25,981,685				42	188	25,981,685	45.6	58.3
1958	36	171	22,454,676				36	171	22,454,676	42.4	53.7
1959	37	162	22,912,080				37	162	22,912,080	44.6	52.7
1960	38	154	22,731,002				38	154	22,731,002	48.7	52.0
1961	29	148	21,813,301				29	148	21,813,301	43.3	50.9
1962	27	102	22,780,517				27	102	22,780,517	42.2	48.2
1963	25	112	23,181,300				25	112	23,181,300	37.3	47.9
1964	28	124	24,024,501				28	124	24,024,501	41.2	46.3
1965	24	123	24,737,416				24	123	24,737,416	38.1	44.6
1966	21	123	25,535,590				21	123	25,535,590	37.5	43.1
1967	20	118	25,694,344				20	118	25,694,344	38.5	42.5
1968	23	127	23,527,751				23	127	23,527,751	47.9	40.8
1969	27	151	30,169,400				27	151	30,169,400	43.5	46.5
1970	28	159	31,612,749				28	159	31,612,749	43.8	48.7
1971	27	159	29,453,926				27	159	29,453,926	42.9	50.4

\* Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

IV MECHANIZATION—TABLE 29—METHOD OF LOADING IN SHIP-  
PING MINES FOR THIRTY-NINE YEARS—1931-1968, \* ALL  
MINES—1969-1971

Year	Loading machines			By hand		Strip mines		Per cent of output loaded		
	Mines	Ma- chines	Tons loaded	Mines	Tons loaded	Mines	Tons loaded	By ma- chines	By hand	Strip mines
1931	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935	54	1,626	20,651,707	100	12,277,358	28	7,481,349	49.9	32.1	18.0
1936	64	1,573	25,205,170	82	13,207,189	30	8,873,229	53.3	28.0	18.7
1937	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2
1939	66	856	26,655,664	54	5,042,896	27	11,295,547	62.0	11.7	26.3
1940	64	761	30,851,086	59	3,156,987	27	12,024,635	66.0	6.8	27.2
1941	76	688	33,667,773	59	3,998,459	30	13,367,089	65.9	7.8	26.1
1942	78	743	41,904,801	32	3,308,666	28	15,937,681	68.5	5.0	24.2
1943	71	694	48,597,068	47	4,889,841	26	15,484,712	71.4	7.0	21.6
1944	74	679	50,719,930	52	6,130,465	31	17,108,528	68.5	8.3	23.1
1945	74	664	49,269,122	62	4,849,416	37	16,203,763	70.6	6.8	22.0
1946	75	652	42,616,892	47	3,831,940	36	14,302,739	70.2	6.3	23.5
1947	76	600	44,323,843	49	3,191,727	38	14,821,339	67.8	4.8	27.4
1948	73	587	43,198,538	44	2,350,818	45	16,758,306	69.0	4.0	27.0
1949	66	557	30,481,167	46	1,455,470	45	12,835,980	68.0	3.0	29.0
1950	73	537	37,887,792	40	1,575,188	39	16,469,126	69.7	2.9	30.3
1951	71	495	34,142,184	32	1,162,982	33	17,289,932	64.9	2.2	32.9
1952	67	378	27,161,125	17	772,286	27	15,340,989	62.7	1.8	35.5
1953	54	317	28,011,081	14	340,506	29	15,495,734	63.9	0.8	35.3
1954	49	264	24,423,248	11	206,476	28	15,388,078	61.0	0.5	38.5
1955	43	220	26,345,099	8	186,692	35	17,535,630	60.0	0.4	40.0
1956	39	193	27,347,356	7	150,039	42	18,041,603	60.1	0.3	39.6
1957	42	188	25,981,685	4	111,329	50	18,439,200	58.3	0.3	41.4
1958	36	171	22,454,676	4	83,519	49	19,318,772	53.7	0.2	46.1
1959	37	162	22,912,080	3	71,129	46	20,532,528	52.7	0.2	47.2
1960	38	154	22,731,002	2	25,398	40	20,946,982	52.0	0.1	47.9
1961	29	148	21,813,301	2	12,751	36	20,999,859	50.9	0.1	49.0
1962	27	102	22,780,517	.....	.....	37	22,482,457	50.3	.....	49.7
1963	25	112	23,181,300	.....	.....	42	25,194,264	47.9	.....	52.1
1964	28	124	24,024,501	.....	.....	40	27,863,966	46.3	.....	53.7
1965	24	123	24,737,416	.....	.....	39	30,714,714	44.6	.....	55.3
1966	21	123	25,535,590	.....	.....	35	33,726,863	43.1	.....	56.9
1967	20	118	25,694,344	.....	.....	32	34,794,177	42.5	.....	57.5
1968	23	127	23,527,751	.....	.....	25	34,142,920	40.8	.....	59.2
1969	27	151	30,169,400	1	3,227	34	34,659,957	46.5	.....	53.4
1970	28	159	31,812,749	1	2821	35	33,288,533	48.7	0.04	51.3
1971	27	159	29,453,926	.....	.....	36	28,961,313	50.4	.....	49.6

\* Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

## REPORT OF DIVISION INSPECTION—1971

The report of services rendered by the State Inspectors of Coal Mines is summarized as follows:

Days inspection coal mines .....	2,941
Other classified service .....	1,097
Miscellaneous service .....	<u>563</u>
 Total Days .....	 4,601
 Average days for inspector .....	 271
Average days inspection of mines .....	173
Average days other classified service .....	65
Average days miscellaneous service .....	63
Number of inspections made .....	768
Average inspections for each inspector .....	45

## SUMMARY OF SPECIFIC WORK REPORT FOR STATE MINE INSPECTORS—1971

District	Inspecting mines					Other classified duties—days worked							
	Shipping		Local		Total		Investigating accidents	Investigating complaints	Office work	Traveling	Explosive magazines	Miscellaneous service, days worked	Total days
	Number inspections	Days worked	Number inspections	Days worked	Number inspections	Days worked							
#1	41	76	45	53	86	129	5	.....	95	2	18	30	279
#2	31	105	32	43	63	148	1	.....	31	9	26	26*	241
#3	44	141	.....	.....	44	141	5	.....	76	1	4	12	239
#4	24	176	17	19	41	195	1	.....	32	2	13	7	250
#5	14	115	.....	.....	14	115	7	.....	47	5	9	76*	259
#6	40	152	1	1	41	153	2	.....	106	.....	.....	18	279
#7	35	203	12	12	47	215	3	.....	67	.....	.....	8	293
#8	42	229	.....	.....	42	229	7	.....	35	.....	.....	8	279
#9	25	246	8	18	33	264	10	.....	7	2	.....	11*	294
#10	33	169	1	1	34	170	5	.....	25	10	1	33	244
#11	37	171	11	18	48	189	5	.....	37	11	1	48*	292
#12	39	113	30	57	69	170	.....	.....	64	1	4	44	283
#13	40	161	11	25	51	186	10	.....	36	3	22	36	260
#14	35	196	2	4	37	200	6	.....	39	2	1	36*	264
#15	22	194	.....	.....	22	194	8	.....	18	1	12	18	248
#16	36	154	53	78	89	232	4	.....	45	1	2	16	289
#17	7	11	.....	.....	7	11	20	.....	36	15	22	183*	287
Inspector-at Large													
TOTAL	545	2,612	223	329	768	2,941	99	8	790	65	135	563	4,601
* Teaching Mine Safety Training													

\* Teaching Mine Safety Training



## **ANALYTICAL LABORATORY**

The Department of Mines and Minerals Analytical Laboratory was established in 1948 by the State Legislature.

The investigation of the Centralia, Illinois mine disaster which claimed the lives of 111 miners in the spring of 1948 established the fact that Illinois needed an Analytical Laboratory for the health and safety of coal miners.

The Analytical Laboratory of the Department of Mines and Minerals consists of two divisions: Safety and Coal Analysis.

### **SAFETY DIVISION**

The purpose of this division is to analyze atmosphere samples for oxygen, explosive and noxious gases as required by Illinois Coal Mining Act. Mine dust samples are analyzed for the percentage of combustible and incombustible materials to determine flame propagating characteristics. Atmosphere samples are collected from coal, spar and metal mines and quarries in the State of Illinois, thus ascertaining compliance with State mining laws in regard to health and safety conditions.

In case of a mine fire, the personnel of the Analytical Laboratory work directly at the site of the fire, analyzing the explosive of these samples determines the course of action to be taken. After the fire has been extinguished, samples are taken to determine when it is safe to return to coal production or if necessary, for rescue teams to re-enter sealed areas.

### **COAL ANALYSIS**

The coal analysis program was designed to insure the quality of coal purchased for State institutions by the State of Illinois. The program was planned by the State Purchasing Department and the Director of the Department of Mines and Minerals.

The plan is for frequent unscheduled visits to all State mental, charitable and penal institutions using coal. Samples are also collected by the Coal Quality Inspectors for Secretary of State's coal purchases and a number of the State universities.

Within an average month, numerous samples of coal are collected by the Coal Quality Inspectors, pulverized and delivered to the Analytical Laboratory, where they are analyzed. If delivered coal samples do not meet contract specifications, the state may level penalties resulting from composite sampling, as provided in the contract.

As a result of this program, the Illinois Department of General Services Purchasing Division is able to procure better grades of coal for less money. In addition, an estimated 20% efficiency was realized in heating and cooling the various state institutions. This saving was re-

alized with a minimum amount of additional equipment and personnel at the laboratory.

Early in 1970, a new Mine Rescue Station and Analytical Laboratory Building at 503 East Main Street, Benton, Illinois was completed. The modern one-story building, covering 13,372 square feet, houses the latest of mine rescue and laboratory equipment. This is the first permanent building for the laboratory since its establishment in 1948.

Department of Mines and Minerals  
Analytical Laboratory  
Employees

Supervisor	George W. Sneddon 202 South Marion Road P.O. Box 44 West Frankfort, Illinois 62896
Chemist II	Alan Ashbrook 619 North Orchard West Frankfort, Illinois 62896
Lab Tech II	John Mitchell Route #2 West Frankfort, Illinois 62896
Lab Tech II	Bernice Mitchell Route #2 West Frankfort, Illinois 62896
Lab Tech II	Zudora Hadfield 603 Future Drive Marion, Illinois 62959
Lab Tech II	Barbara Furlow 531 East Taylor Street Benton, Illinois 62812
Lab Tech II	Vergil Bolen Akin Illinois 62805
Lab Helper	Ralph Eckols Route #4 Marion, Illinois 62959
Clerk Typist I	Judi Pritchard 607 North Gardner West Frankfort, Illinois 62896
Clerk Steno II	Mary Bauer Route #2 Benton, Illinois 62812

## REPORT OF MINERS' EXAMINING BOARD

DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND  
AMOUNT OF FEES COLLECTED

Date	Place of meeting	Number of certificates issued	Fees collected for duplicate copies of certificates
January	4 Springfield	3	
	5 Girard	3	
	6 Taylorville	3	
	7 Lincoln	0	
	8 Carrier Mills	1	
	9 Virden	5	
	11 Benton	0	
	12 DuQuoin	2	
	13 Eldorado	2	
	14 West Frankfort	6	
	15 Harrisburg	4	
	16 Equality	5	
February	1 Springfield	2	
	2 Carlinville	3	
	3 Taylorville	8	
	4 Harrisburg	0	
	5 Carrier Mills	2	
	6 Virden	4	
	8 Benton	19	
	9 DuQuoin	0	
	10 Eldorado	2	
	11 Herrin	4	
	12 Marion	0	
March	13 Sesser	8	
	1 Springfield	3	
	2 Taylorville	10	
	3 Virden	5	
	4 Freeburg	4	
	5 Harrisburg	4	
	6 Carrier Mills	5	
	8 Benton	12	
	9 DuQuoin	10	
	10 Eldorado	7	
	11 Herrin	3	
	12 Marion	7	
	13 West Frankfort	0	
April	5 Springfield	1	
	5 Farmersville	12	
	6 Carlinville	3	
	7 Taylorville	4	
	8 Westville	6	
	9 Mt. Vernon	11	
	10 Marion	3	
	12 DuQuoin	4	
	13 Benton	10	
	14 Eldorado	11	
	15 West Frankfort	12	
	16 Harrisburg	3	
	17 Carrier Mills	10	
May	3 Springfield	1	
	4 Carlinville	1	
	5 Taylorville	3	
	6 Lincoln	2	
	7 Freeburg	16	
	8 Carrier Mills	9	
	10 Benton	3	
	11 DuQuoin	5	
	12 Eldorado	11	
	13 Harrisburg	2	
June	14 Marion	4	
	15 West Frankfort	2	
	7 Springfield	0	
	8 Taylorville	10	
	9 Carlinville	10	
	10 Tuscola	1	
	11 Marissa	3	
	12 Christopher	11	
	14 DuQuoin	2	
	15 Benton	9	
	16 Eldorado	15	\$2.00
	17 West Frankfort	8	
	18 Marion	4	
	19 Carrier Mills	12	

## REPORT OF MINERS' EXAMINING BOARD—Continued

DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND  
AMOUNT OF FEES COLLECTED

Date	Place of meeting	Number of certificates issued	Fees collected for duplicate copies of certificates
July	7 Taylorville	7	
	8 Farmersville	4	
	9 Carlinville	3	
	10 Lincoln	2	
	12 Benton	6	
	13 DuQuoin	1	
	14 Eldorado	1	
	15 Harrisburg	4	
	16 West Frankfort	2	
	17 Carrier Mills	6	
	19 Marion	3	
	20 Herrin	2	
August	2 Springfield	0	
	3 Taylorville	2	
	4 Girard	2	
	5 Peoria	0	
	6 Herrin	11	
	7 Shawneetown	14	
	9 Benton	12	
	10 DuQuoin	23	
	11 Eldorado	12	
	12 Marion	6	
	13 Hurst	1	
	14 Carrier Mills	16	
September	7 Springfield	2	
	8 Tuscola	8	
	9 Taylorville	8	
	10 Virden	5	
	11 Equality	17	
	13 Benton	28	
	14 DuQuoin	8	
	15 Eldorado	6	
	16 Freeburg	13	
	17 West Frankfort	9	
	18 Sesser	12	
	20 Carrier Mills	6	
October	4 Springfield	2	
	5 Carlinville	6	
	6 Taylorville	6	
	7 Lincoln	0	
	8 Harrisburg	10	
	9 Hurst	1	
	11 Benton	8	
	12 DuQuoin	8	
	13 Eldorado	4	
	14 Mt. Vernon	0	
	15 Marion	4	
November	16 Carrier Mills	1	
	1 Springfield	0	
	2 Taylorville	0	
	3 Tuscola	1	
	4 Girard	0	
	5 West Frankfort	2	
	6 Marion	2	
	8 Benton	8	
	9 DuQuoin	1	
	10 Eldorado	3	
	11 Christopher	1	
	12 Zeigler	1	
December	13 Carrier Mills	2	
	6 Springfield	26	
	7 Taylorville	26	
	8 Petersburg	2	
	9 Virden	18	
	10 Harrisburg	9	
	11 Herrin	11	
	13 Benton	25	
	14 DuQuoin	11	
	15 Eldorado	4	
	16 Sesser	19	
	17 Marion	7	
	18 Carrier Mills	8	
TOTAL		890	\$2.00

# CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Carl Wise, Jr.	Girard	27	July 11, 1943	Taylorville	1	Springfield	January 4, 1971	8866
Curtis Leroy Eubanks	Sesser	27	August 28, 1943	Sesser	1	Springfield	January 4, 1971	8867
Lloyd D. Hill	Farmersburg	34	August 2, 1936	Sparta	2½	Springfield	January 4, 1971	8868
William Michalec	Stanton	41	August 5, 1929	Mt. Olive	2½	Springfield	January 4, 1971	8869
William N. Smith	Stanton	43	August 30, 1927	Stanton	2	Girard	January 5, 1971	8870
Richard Baletti	Wilsonville	43	February 27, 1927	Mt. Olive	1	Girard	January 5, 1971	8871
Jerry K. Scott	Taylorville	22	February 27, 1948	Mt. Olive	1	Girard	January 5, 1971	8872
Donald Huddleston	Palmer	27	June 2, 1943	Palmer, Ky.	1	Taylorville	January 6, 1971	8873
George E. Fullerton	Nokomis	49	July 7, 1921	Nokomis	1	Taylorville	January 6, 1971	8874
William E. Adams	Eldorado	32	October 7, 1932	Eldorado	1	Taylorville	January 6, 1971	8875
Raymond Dalpozzo	Stanton	46	Sept. 22, 1924	Stanton	9	Carrier Mills	January 8, 1971	8876
Edward Rothgangel	Stanton	45	December 9, 1925	Stanton	9	Carrier Mills	January 8, 1971	8877
Ronald Graycraft	Farmersville	28	March 18, 1942	Granite City	2	Virdeen	January 9, 1971	8878
John Cely	Stanton	46	July 27, 1924	Wilsonville	1	Virdeen	January 9, 1971	8879
Terry Albreidger	Taylorville	24	May 2, 1946	Carbondale	1	Virdeen	January 9, 1971	8880
Wilbur A. Heape	Tamaroa	39	January 20, 1931	Tamaroa	1	DuQuoin	January 12, 1971	8881
Michael R. Pestka	Tamaroa	36	October 1934	Scheller	1	DuQuoin	January 12, 1971	8882
James E. King	Harrisburg	19	June 3, 1951	Harrisburg	1	Eldorado	January 13, 1971	8883
Robert K. Wall	Marion	24	Sept. 18, 1946	Herrin	1	Eldorado	January 13, 1971	8884
Troy T. Russell	Eldorado	45	December 14, 1925	Harrisburg	1	Eldorado	January 13, 1971	8885
Bobby J. Carrigan	Carrier Mills	35	February 14, 1935	Carrier Mills	1	Equality	January 16, 1971	8886
Richard Bennett	Logan	34	February 14, 1935	Logan	1	Equality	January 16, 1971	8887
Donald Eugene Stephenson	Pittsburg	23	February 6, 1947	Marion	1	Equality	January 16, 1971	8888
Paul F. Davis	West Frankfort	53	March 26, 1917	West Frankfort	21	Equality	January 16, 1971	8889
David McCowen	Waltonville	19	June 5, 1951	Waltonville	1	Equality	January 16, 1971	8890
Francis Weitekamp	Farmersville	23	January 16, 1948	Springfield	1	Springfield	February 1, 1971	8891
Orlando Capogreco	Mulkeytown	37	May 25, 1933	Herrin	1	Springfield	February 1, 1971	8892
Joseph C. Polio	Stanton	39	May 25, 1931	Mt. Olive	1	Carlinville	February 2, 1971	8893
Charles Gregory	Gillespie	41	May 31, 1929	Gillespie	1	Carlinville	February 2, 1971	8894
Richard Meyer	Livingston	39	March 16, 1931	Litchfield	2	Carlinville	February 2, 1971	8895
Charles A. Requaarth	Taylorville	35	July 1, 1935	Edinburg	1	Taylorville	February 3, 1971	8896
R. L. Ogle	Palmer	28	April 6, 1942	Sevierville, Tenn.	1	Taylorville	February 3, 1971	8897
Dante Daniels	Kincaid	22	October 25, 1942	Taylorville	1	Taylorville	February 3, 1971	8898
Donald R. Clay	Edinburg	28	August 15, 1948	Taylorville	1	Taylorville	February 3, 1971	8899
Raymond C. Brunk	Taylorville	22	July 2, 1948	Springfield	1	Taylorville	February 3, 1971	8900
Joseph D. Neal	Taylorville	19	Sept. 4, 1951	Taylorville	1	Taylorville	February 3, 1971	8901
James R. Dodd, Jr.	Kincaid	19	July 17, 1951	Morris	1	Taylorville	February 3, 1971	8902
John Quick, Jr.	Carlinville	25	December 13, 1945	Taylorville	2	Taylorville	February 3, 1971	8903
John R. Dunn	Carrier Mills	25	October 10, 1945	Carrier Mills	3½	Carrier Mills	February 5, 1971	8904
Dwight Guidedge	Carrier Mills	46	August 5, 1924	Carrier Mills	3	Carrier Mills	February 5, 1971	8905
Gerald S. Smith	Bened	51	Sept. 24, 1919	Bened	1	Virdeen	February 6, 1971	8906

Carl Albrent	Stanton	50	April 16, 1920	Worden	1	Virde	February 6, 1971	8907
Paul C. Durbin	Taylorville	27	December 6, 1943	Taylorville	1	Virde	February 6, 1971	8908
William H. Whalen, Jr.	Thayer	34	Sept. 18, 1936	Thayer	1	Virde	February 6, 1971	8909
John F. McGill	Raleigh	23	March 3, 1947	Raleigh	1	Eldorado	February 10, 1971	8910
Edgar J. Manley	Harrisburg	59	February 2, 1912	Harrisburg	1	Eldorado	February 10, 1971	8911
Charles W. Green	Herrin	34	April 18, 1936	Herrin	1	Herrin	February 11, 1971	8912
Leon Morris	Johnston City	33	June 20, 1937	Cambria	1	Herrin	February 11, 1971	8913
Robert Francescon	West Frankfort	29	June 7, 1941	Herrin	1	Herrin	February 11, 1971	8914
Eugene Collins	Desoto	37	October 19, 1933	Carbondale	2	Herrin	February 11, 1971	8915
Ronnie E. Litton	Johnston City	23	Sept. 23, 1947	Herrin	1	West Frankfort	Jan. 14, 1971	8916
David M. Cox	Benton	23	Dec. 17, 1947	DuQuoin	1	W. Frankfort	Jan. 14, 1971	8917
Charles E. McDaniel	West Frankfort	27	July 19, 1943	West Frankfort	1	W. Frankfort	Jan. 14, 1971	8918
George E. Lefler	Orient	22	June 17, 1948	Christopher	1	W. Frankfort	Jan. 14, 1971	8919
Bobby J. Barnhill	Royalton	44	Sept. 27, 1926	Ina	1	W. Frankfort	Jan. 14, 1971	8920
James D. Richerson	Benton	23	January 3, 1948	West Frankfort	1	W. Frankfort	Jan. 14, 1971	8921
Victor D. Gibbs	Harrisburg	25	May 8, 1945	Harrisburg	1	Harrisburg	Jan. 15, 1971	8922
Francis M. Roberts	Taylorville	46	November 12, 1924	Corinth	4	Harrisburg	Jan. 15, 1971	8923
Robert E. Murrie	Harrisburg	22	January 14, 1949	Harrisburg	1	Harrisburg	Jan. 15, 1971	8924
Dwight Hull	Raleigh	35	Sept. 14, 1935	Illinois	1	Harrisburg	Jan. 15, 1971	8925
Dennis Majdich	West Frankfort	25	Dec. 1, 1945	West Frankfort	1	Benton	Feb. 8, 1971	8926
Lendell Karnes	West Frankfort	27	Dec. 14, 1943	West Frankfort	1	Benton	Feb. 8, 1971	8927
James Langston	Benton	28	May 26, 1942	Osceola, Ark.	1	Benton	Feb. 8, 1971	8928
John D. Darnell	Zeigler	34	February 16, 1936	West Frankfort	10	Benton	Feb. 8, 1971	8929
Lester M. Lewis	Benton	55	May 20, 1915	Ewing	1	Benton	Feb. 8, 1971	8930
Gary Thomason	Bonnie	28	March 22, 1942	Sesser	1	Benton	Feb. 8, 1971	8931
Leonard D. Wagner	West Frankfort	32	February 4, 1939	Scheller	1	Benton	Feb. 8, 1971	8932
Jack McKeynolds	Benton	34	March 3, 1936	West Frankfort	1	Benton	Feb. 8, 1971	8933
Serry Fraumli	Benton	54	March 24, 1936	Benton	1	Benton	Feb. 8, 1971	8934
Samuel J. Royaster	Royalton	55	October 19, 1915	Hurst	2	Benton	Feb. 8, 1971	8935
Kenneth Nicholson	West Frankfort	25	November 26, 1949	Herrin	1	Benton	Feb. 8, 1971	8936
Arthur E. Buckingham	Zeigler	25	March 13, 1945	Herrin	1	Benton	Feb. 8, 1971	8937
Elbert W. Osterhout	West Frankfort	26	March 4, 1944	West Frankfort	1 1/2	Benton	Feb. 8, 1971	8938
Glen J. Neal	Benton	53	July 17, 1917	Benton	1	Benton	Feb. 8, 1971	8939
Byford D. Maddox	Mt. Vernon	30	May 9, 1936	West Frankfort	1	Benton	Feb. 8, 1971	8940
Gary W. Marvel	Thompsonville	20	April 23, 1950	Christopher	1	Benton	Feb. 8, 1971	8941
Derry E. Hale	Waltonville	22	June 23, 1946	Mt. Vernon	1	Benton	Feb. 8, 1971	8942
David E. Easley	Benton	23	May 26, 1941	Mt. Vernon	1	Benton	Feb. 8, 1971	8943
Gary E. Scott	West Frankfort	29	June 17, 1941	West Frankfort	1	Benton	Feb. 8, 1971	8944
Robert Lay	Springfield	36	August 28, 1948	Springfield	1	Benton	Feb. 8, 1971	8945
Wayne E. Smith	Gilesburg	34	Sept. 1, 1932	Springfield	2	Springfield	March 1, 1971	8946
Roger Stokes	Springfield	31	Sept. 12, 1937	Gilesburg	1	Springfield	March 1, 1971	8947
Roger R. Baxter	Springfield	27	Sept. 27, 1939	Springfield	1	Springfield	March 1, 1971	8948
William H. Jones	Morrisville	31	January 13, 1944	Assumption	6	Taylorville	March 2, 1971	8949
George L. Kethel	Taylorville	31	June 1, 1939	DuQuoin	1	Taylorville	March 2, 1971	8950
Ronald L. Smothers	Kincaid	35	November 11, 1937	Taylorville	1	Taylorville	March 2, 1971	8951
Walter L. Brookens	Kincaid	41	February 22, 1946	Taylorville	1	Taylorville	March 2, 1971	8952
Alvah L. Brown	Taylorville	55	September 29, 1929	Taylorville	1	Taylorville	March 2, 1971	8953
Paul L. Brown	Taylorville	50	Sept. 16, 1915	Wax, Kentucky	1	Taylorville	March 2, 1971	8954
Larry C. Griffiths	Taylorville	31	February 14, 1921	Wax, Kentucky	1	Taylorville	March 2, 1971	8955
Robert J. Ess	Kincaid	56	October 12, 1939	Taylorville	1	Taylorville	March 2, 1971	8956
			December 18, 1914	Germanstown	1	Taylorville	March 2, 1971	8957

## CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Robert V. Lindley	Zeigler	26	October 3, 1944	Fort Worth, Tex.	1	Sesser	Feb. 13, 1971	8958
Bobby J. Aaron	Benton	36	August 20, 1934	Benton	1	Sesser	Feb. 13, 1971	8959
Larry C. Sheridan	Benton	27	Sept. 22, 1943	Ina	1	Sesser	Feb. 13, 1971	8960
Larry E. Sample	Sesser	27	May 25, 1943	Sesser	1	Sesser	Feb. 13, 1971	8961
William J. Osiager	Woodlawn	29	Sept. 28, 1941	Mt. Vernon	1	Sesser	Feb. 13, 1971	8962
Gerald T. Hawkins	Coulterville	37	Sept. 20, 1943	DuQuoin	1	Sesser	Feb. 13, 1971	8963
James M. Woolsey	DuQuoin	37	July 24, 1933	DuQuoin	1	Sesser	Feb. 13, 1971	8964
Larry D. Risley	Sesser	25	March 14, 1946	Sesser	1	Sesser	Feb. 13, 1971	8965
Richard E. Jones	Giard	26	January 1, 1945	Carlinville	6	Viriden	March 3, 1971	8966
Bobby Gene McGhee	Raymond	24	Sept. 29, 1946	Cleburne	1	Viriden	March 3, 1971	8967
Michael W. Leonard	Waggoner	25	March 29, 1945	Litchfield	1	Viriden	March 3, 1971	8968
Kenneth Wall	Litchfield	21	July 9, 1949	Marion	1	Viriden	March 3, 1971	8969
George A. Richards	Viriden	22	June 17, 1948	Springfield	1	Viriden	March 3, 1971	8970
Merle C. Smith	Marissa	47	January 12, 1924	Pinckneyville	12	Freeburg	March 4, 1971	8971
Cletus D. Lloyd	Marissa	34	April 19, 1936	Marissa	1	Freeburg	March 4, 1971	8972
David I. Owens	Marissa	29	November 17, 1941	Swanwick	1	Freeburg	March 4, 1971	8973
Donald E. Oyler	Pinckneyville	28	January 2, 1943	Marissa	1	Freeburg	March 4, 1971	8974
Charles R. Stille	Harrisburg	28	Sept. 6, 1942	Harrisburg	1	Harrisburg	March 5, 1971	8975
John W. Overstreet	Galatia	24	May 27, 1946	Stonfort	1	Harrisburg	March 5, 1971	8976
Leonard B. Brantley	Harrisburg	27	May 17, 1943	Harrisburg	1	Harrisburg	March 5, 1971	8977
Dean Mallady	Harrisburg	36	April 5, 1934	Harrisburg	1	Harrisburg	March 5, 1971	8978
James L. Dowdy	Carrier Mills	45	January 8, 1926	Carrier Mills	2	Carrier Mills	March 6, 1971	8979
Jack Deering	Stonfort	30	April 16, 1940	Carrier Mills	1	Carrier Mills	March 6, 1971	8980
James B. Deaton	Carrier Mills	22	July 7, 1946	Harrisburg	1	Carrier Mills	March 6, 1971	8981
Cletis R. Horton	Harrisburg	24	December 22, 1948	Harrisburg	1	Carrier Mills	March 6, 1971	8982
Thurman McGee	Harrisburg	45	August 17, 1927	Shawneetown	1½	Carrier Mills	March 6, 1971	8983
Ralph Hardy	Johnston City	42	October 21, 1928	Johnston City	3	Carrier Mills	March 6, 1971	8984
Clarence Lenich	West Frankfort	41	November 27, 1929	West Frankfort	1	Benton	March 8, 1971	8985
James R. Lambert	Benton	28	February 20, 1943	Benton	1	Benton	March 8, 1971	8986
Don E. Wilburn	Sesser	29	July 25, 1941	West Frankfort	1	Benton	March 8, 1971	8987
Robert W. Boles	Christopher	22	November 12, 1948	West Frankfort	1½	Benton	March 8, 1971	8988
George W. Bly	McLion	29	Sept. 20, 1941	DuQuoin	1	Benton	March 8, 1971	8989
James Lendell Clark	Corllo	24	May 31, 1946	Pittsburg	1	Benton	March 8, 1971	8990
Allen Pinkham	West Frankfort	26	Sept. 15, 1943	Mukelago	1	Benton	March 8, 1971	8991
Dwayne Reed	West Frankfort	39	January 22, 1942	West Frankfort	1	Benton	March 8, 1971	8992
Ronnie R. Plasters	Sesser	23	May 14, 1947	Harrisburg	1½	Benton	March 8, 1971	8993
David E. Oxford	Sesser	43	August 13, 1922	Benton	10	Benton	March 8, 1971	8994
John E. Burzynski	Elkville	27	October 21, 1943	Benton	1	DuQuoin	March 9, 1971	8995
Roger W. Jackson	Sesser	24	Sept. 26, 1946	Benton	1	DuQuoin	March 9, 1971	8996
Stephen T. Fisher	Mt. Vernon	34	April 9, 1936	Michigan	1	DuQuoin	March 9, 1971	8997
James E. Fitzpatrick	Mt. Vernon	34	April 9, 1936	Michigan	1	DuQuoin	March 9, 1971	8998



Mickey L. Perryman	Elkville	27	December 3, 1943	Elkville	1	DuQuoin	March 9, 1971	8999
Donald E. Durcan	Benton	35	February 17, 1936	Benton	1	DuQuoin	March 9, 1971	9000
Roger A. Cogdill	West Frankfort	23	Sept. 11, 1947	Herrin	2	DuQuoin	March 9, 1971	9001
Delbert James Fisher	DuQuoin	20	November 25, 1940	DuQuoin	1	DuQuoin	March 9, 1971	9002
William T. Hutson	Tamaroa	42	June 18, 1928	DuQuoin	1	DuQuoin	March 9, 1971	9003
Richard W. Zettler	West Frankfort	24	November 5, 1946	DuQuoin	1	DuQuoin	March 9, 1971	9004
Stuart Schmidt	Carrier Mills	34	October 21, 1916	Streator	2	DuQuoin	March 9, 1971	9005
Edward E. Owens	Eldorado	49	October 14, 1921	Johnston City	4	DuQuoin	March 10, 1971	9006
Daniel Ross Mitchell	Elkville	34	April 20, 1921	Harrisburg	2	Eldorado	March 10, 1971	9007
Bruce L. Grot	Harrisburg	37	January 18, 1927	Harrisburg	14	Eldorado	March 10, 1971	9008
Elmer Risse	New Shawneetown	36	February 6, 1940	Shawneetown	1	Eldorado	March 10, 1971	9009
Frank Gibbons	Galatia	39	February 12, 1934	Harrisburg	2	Eldorado	March 10, 1971	9010
Morris Mike	Mukwonago	35	March 27, 1931	DuQuoin	1	DuQuoin	March 9, 1971	9011
Joseph M. Crawford	Royalsburg	32	May 10, 1932	Alton	1	DuQuoin	March 9, 1971	9012
Roger Edgar Eberhardt	Royalsburg	32	Sept. 14, 1932	Chicago	1	Herrin	March 11, 1971	9013
George A. Capps	Herrin	55	August 1, 1915	McDonough City	1	Herrin	March 11, 1971	9014
Billy G. Barham	Johnston City	24	February 6, 1913	McDonough City	24	Herrin	March 11, 1971	9015
Edward W. Haynes	Johnston City	31	Feb. 29, 1946	St. Clair W. Va.	1	Marion	March 12, 1971	9016
William L. Delorme	Marion	27	May 26, 1939	St. Clair W. Va.	1	Marion	March 12, 1971	9017
Allen Dale Marks	Marion	25	Sept. 15, 1945	West Frankfort	1	Marion	March 12, 1971	9018
Randy G. Mitchell	Cartersville	36	Sept. 24, 1948	Corbondale	1	Marion	March 12, 1971	9019
William T. Powell	Morganfield	44	July 12, 1948	Morganfield	1	Marion	March 12, 1971	9020
August Boester	Marion	36	March 23, 1934	Marion	1	Marion	March 12, 1971	9021
Marvin G. Lochard	Taylorville	49	February 28, 1927	Marion	2	Marion	March 12, 1971	9022
William Tygett	Taylorville	54	June 6, 1921	Taylorville	16	Farmersville	April 5, 1971	9023
Gary Leskowiak	Springfield	52	March 8, 1917	Christopher	18	Farmersville	April 5, 1971	9024
Edward Gudausky	Pawnee	22	Sept. 15, 1948	Springfield	1	Farmersville	April 5, 1971	9025
Herman Folkerts	Bulitt	41	March 27, 1930	Springfield	23	Farmersville	April 5, 1971	9026
Larry Dale Hays	Virden	53	March 11, 1918	Springfield	21	Farmersville	April 5, 1971	9027
Clyde Love	Grand	27	April 7, 1943	Springfield	2	Farmersville	April 5, 1971	9028
John Olan, Jr.	Springfield	54	Sept. 21, 1916	Ordway, Colorado	21	Farmersville	April 5, 1971	9029
Kenneth Reis	Auburn	23	January 31, 1948	Springfield	1	Farmersville	April 5, 1971	9030
Willard Reis	Benton	43	January 29, 1928	Farmersville	16	Farmersville	April 5, 1971	9031
William Richno, Jr.	Benid	55	October 7, 1915	Gillespie	11	Farmersville	April 5, 1971	9032
Thomas L. Seaman	Farmersville	25	Sept. 29, 1945	Springfield	3	Farmersville	April 5, 1971	9033
Robert E. Wesley	Morrisonville	26	March 8, 1945	Wichita, Kansas	6	Farmersville	April 5, 1971	9034
George A. Jebson	Waggoner	58	Nov. 25, 1912	Brazil, Ind.	2	Farmersville	April 5, 1971	9035
Leonard Koniak	Gillespie	52	Nov. 17, 1918	Couterville	2	Carlinville	April 6, 1971	9036
Edward D. Kalvin	Benid	30	December 23, 1940	Litchfield	2	Carlinville	April 6, 1971	9037
William P. Buzan	Gillespie	44	December 17, 1926	Benid	3	Carlinville	April 6, 1971	9038
Richard C. Burnett	Tovey	32	Sept. 23, 1938	Stonington	1	Carlinville	April 6, 1971	9039
Ronald W. Keule	Taylorville	26	March 18, 1945	Gendale	1	Taylorville	April 7, 1971	9040
Lloyd Cagle	Edinburg	33	January 20, 1942	Taylorville	4 1/2	Taylorville	April 7, 1971	9041
Bobby Jo Thompson	Murdock	25	February 9, 1938	Taylorville	11	Taylorville	April 7, 1971	9042
Dennis G. Rhea	Brocton	23	December 29, 1945	Portsmouth, Ohio	1	Westville	April 8, 1971	9043
Phillip D. Reynolds	Tuscola	30	June 6, 1947	Herrin	1	Westville	April 8, 1971	9044
Thomas Donaldson	Georgetown	27	February 2, 1941	Herrin	1	Westville	April 8, 1971	9045
Clayton E. Emherton	Murdock	39	March 10, 1942	Danville	1	Westville	April 8, 1971	9046
Thomas G. Mickus	Virden	23	Sept. 26, 1934	Tompkinsville, Ky.	1	Westville	April 8, 1971	9047
Dennis Ray Higgins	Galatia	23	July 30, 1947	Chicago	1	Westville	April 8, 1971	9048
Douglas E. Johnson	Mt. Vernon	25	October 3, 1947	Pontiac, Mich.	5	Mt. Vernon	April 9, 1971	9049
			July 8, 1945	Vandalia	1	Mt. Vernon	April 9, 1971	9050

## CERTIFICATES ISSUED BY MINERS EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years ex- peri- ence	Place of examination	Date of examination	Certi- cate number
David A. Shockley	DuQuoin	25	June 24, 1945	DuQuoin	1	Mt. Vernon	April 9, 1971	9051
John D. Nessl	Litchfield	49	December 11, 1921	Staunton	1 1/2	Mt. Vernon	April 9, 1971	9052
Huston V. Summers	Thompsonville	32	October 27, 1938	Thompsonville	1	Mt. Vernon	April 9, 1971	9053
Clifford D. Parrish	West Frankfort	45	July 21, 1925	West Frankfort	15	Mt. Vernon	April 9, 1971	9054
Gordon W. Dial	Thompsonville	33	August 13, 1937	McLeansboro	1	Mt. Vernon	April 9, 1971	9055
Alvin L. Hemminger	West Frankfort	30	January 14, 1941	Des Moines, Iowa	1	Mt. Vernon	April 9, 1971	9056
Tom Dorris	West Frankfort	25	May 23, 1945	Herrin	1	Mt. Vernon	April 9, 1971	9057
Lloyd A. Johns	Herrin	42	June 29, 1928	Bush	1	Mt. Vernon	April 9, 1971	9058
Calvin D. Quertermous	Mascoutah	20	October 16, 1950	Golconda	1	Mt. Vernon	April 9, 1971	9059
Joe E. Pyle	Carriar Mills	44	March 22, 1927	Carriar Mills	1	Marion	April 10, 1971	9060
Rodney G. Allen	Galatia	24	April 16, 1946	Harrisburg	1	Marion	April 10, 1971	9061
Jack Nelson	Coateen	55	July 16, 1915	Pontiac	30	Marion	April 10, 1971	9062
Walter D. Swallers	DuQuoin	31	February 13, 1938	DuQuoin	1	DuQuoin	April 12, 1971	9063
Donald Shockley	Sesser	33	Nov. 12, 1946	DuQuoin	1	DuQuoin	April 12, 1971	9064
Carl Pulliam	New Athens	24	June 9, 1940	Dexter, Mo.	1	DuQuoin	April 12, 1971	9065
Larry W. Huite	DuQuoin	30	October 31, 1939	Hurst	1	DuQuoin	April 12, 1971	9066
Robert L. Carter	Herrin	41	October 24, 1929	Benton	1	Benton	April 13, 1971	9067
Blair M. Keys	Benton	33	October 19, 1937	Benton	1	Benton	April 13, 1971	9068
Thomas E. Wiggs	Benton	30	January 19, 1941	Benton	1	Benton	April 13, 1971	9069
Charles E. Wiggs	Waltonville	53	January 14, 1918	Waltonville	2	Benton	April 13, 1971	9070
Fred Newell	Waltonville	22	March 28, 1949	Mt. Vernon	1	Benton	April 13, 1971	9071
Jerry Newell	Waltonville	24	October 2, 1946	DuQuoin	1	Benton	April 13, 1971	9072
Lawrence T. Palasky	West Frankfort	31	July 14, 1939	Benton	1	Benton	April 13, 1971	9073
Paul Forsythe	Benton	19	August 18, 1951	Prestonsburg, Ky	1	Benton	April 13, 1971	9074
Thomas B. Gillespie	Sesser	31	April 4, 1924	Sparta	4	Benton	April 13, 1971	9075
Leon E. Penny	Harrisburg	37	August 7, 1938	Harrisburg	1	Eldorado	April 13, 1971	9076
Charles R. Wright	Stonelort	42	February 13, 1947	Salem	1	Eldorado	April 14, 1971	9077
Michael L. Shreffler	Harrisburg	24	November 20, 1922	Wellesbro, Ind	1	Eldorado	April 14, 1971	9078
Richard Hicks	Harrisburg	48	May 5, 1949	Alton	1	Eldorado	April 14, 1971	9079
Frankie L. Bourland	Omaha	21	Sept. 28, 1943	Carmi	1	Eldorado	April 14, 1971	9080
David L. Murphy	Eldorado	27	August 25, 1937	Herrin	1	Eldorado	April 14, 1971	9081
Kenneth G. McNeil	Ridgway	33	February 3, 1933	Eldorado	1	Eldorado	April 14, 1971	9082
George V. Mabrey	Eldorado	38	Sept. 1, 1939	Cumberland, Ky	7	Eldorado	April 14, 1971	9083
Raymond Bowling	Equality	31	July 14, 1941	Norris City	1	Eldorado	April 14, 1971	9084
Franklin D. Kennedy	Norris City	29	August 1, 1951	Harrisburg	1	Eldorado	April 14, 1971	9085
Philip D. Irvin	Galatia	19	November 28, 1950	Johnston City	1	Eldorado	April 14, 1971	9086
Terry W. Murphy	Eldorado	20	January 23, 1951	Harrisburg	1	Carriar Mills	April 17, 1971	9087
William D. Wilson	Carriar Mills	20	October 25, 1930	Johnston City	2	Carriar Mills	April 17, 1971	9088
William E. Hatell	DuQuoin	40	January 19, 1949	Johnston City	2	Carriar Mills	April 17, 1971	9089
John Lane, Jr.	Harrisburg	45	December 1, 1925	Harrisburg	1	Carriar Mills	April 17, 1971	9090
George R. Cowger	Thompsonville	22	December 1, 1925	Thompsonville	1	Carriar Mills	April 17, 1971	9091

Donald L. Davis	Marion	February 11, 1947	Marion	Carrier Mills	April 17, 1971	9092
James C. Havens	Ridgway	January 27, 1937	Pineknayville	Carrier Mills	April 17, 1971	9093
Hebert L. Edwards	Ozark	November 11, 1935	Creal Springs	Carrier Mills	April 17, 1971	9094
Terry L. Moore	Eldorado	March 18, 1949	Omaha	Carrier Mills	April 17, 1971	9095
John D. Spurluck	Eldorado	October 13, 1947	Eldorado	Carrier Mills	April 17, 1971	9096
Mickey Hill	Carrier Mills	February 12, 1942	Harrisburg	Carrier Mills	April 17, 1971	9097
Bruce E. Danson	West Frankfort	October 19, 1946	West Frankfort	West Frankfort	April 15, 1971	9098
Bue W. Robinson	Benton	December 16, 1920	Auxter, Ky.	W. Frankfort	April 15, 1971	9099
Nelson J. Johnson	West Frankfort	February 27, 1906	Sesser	W. Frankfort	April 15, 1971	9100
Richard W. McPhail	West Frankfort	October 13, 1927	West Frankfort	W. Frankfort	April 15, 1971	9101
Philip G. Rice	West Frankfort	December 5, 1927	West Frankfort	W. Frankfort	April 15, 1971	9102
Philip G. Steinmetz	Christophers	December 5, 1944	Herrin	W. Frankfort	April 15, 1971	9103
Orland D. Platters	Johnston City	June 24, 1930	Thompsonville	W. Frankfort	April 15, 1971	9104
Leslie D. Gibbons	Johnston City	Sept. 25, 1929	Johnston City	W. Frankfort	April 15, 1971	9105
Sterling E. Poole	West Frankfort	August 29, 1940	West Frankfort	W. Frankfort	April 15, 1971	9106
Roy W. Nelson	West Frankfort	July 16, 1941	Creal Springs	W. Frankfort	April 15, 1971	9107
Clyde D. Edwards	West Frankfort	July 23, 1937	Johnston City	W. Frankfort	April 15, 1971	9108
John E. Dobbins	Johnston City	October 19, 1945	Eldorado	W. Frankfort	April 16, 1971	9109
Gary E. Ratley	Equality	October 7, 1941	Equality	Harrisburg	April 16, 1971	9110
Kenneth D. Millsbaugh	Equality	July 16, 1920	Sesser	Harrisburg	April 16, 1971	9111
Harry Bates	Sesser	March 19, 1947	St. Louis, Mo.	Springfield	May 3, 1971	9112
Richard L. Winn	Christophers	July 3, 1949	Taylorville	Carlinville	May 4, 1971	9113
Timothy A. Smith	Thayer	October 13, 1949	Taylorville	Carlinville	May 4, 1971	9114
Anthony Mark Pezze	Kincaid	July 3, 1949	Taylorville	Taylorville	May 5, 1971	9115
Dusty VanHuss	Hillsboro	August 7, 1947	Gillespie	Taylorville	May 5, 1971	9116
Herbert VanHuss	Gillespie	November 24, 1919	Clinton, Tenn.	Taylorville	May 5, 1971	9117
Earl D. Tomasko	Virdean	May 12, 1923	Virdean	Lincoln	May 6, 1971	9118
Rick Johnson	Taylorville	February 5, 1947	Oak Park	Lincoln	May 6, 1971	9119
Clyde R. Pierce	DuQuoin	August 11, 1934	Sesser	Carrier Mills	May 8, 1971	9120
Jack Staten	Harrisburg	December 19, 1934	E. St. Louis	Carrier Mills	May 8, 1971	9121
Frank Willis	Harrisburg	November 20, 1936	Elizabethtown	Carrier Mills	May 8, 1971	9122
Dennis H. Nass	New Shawneetown	October 9, 1950	Eldorado	Carrier Mills	May 8, 1971	9123
Eddie Lee Hammersley	Equality	March 24, 1931	Eldorado	Carrier Mills	May 8, 1971	9124
James E. Certain	Equality	February 7, 1945	Equality	Carrier Mills	May 8, 1971	9125
Richard D. Leverett	Carrier Mills	December 29, 1951	Pontiac, Mich.	Carrier Mills	May 8, 1971	9126
Clarence W. Shelton	Harrisburg	February 26, 1910	Harrisburg	Carrier Mills	May 8, 1971	9127
David W. Leverett	Carrier Mills	January 14, 1912	Eddyville	Carrier Mills	May 8, 1971	9128
Theron D. Linton	Marion	October 3, 1941	Herrin	Herrin	May 11, 1971	9129
Reginald E. Williams	Mt. Vernon	November 29, 1946	Mt. Vernon	DuQuoin	May 11, 1971	9130
Richard L. Bernardini	Dowell	November 13, 1943	Carbondale	DuQuoin	May 11, 1971	9131
Robert C. Berry	Nashville	May 25, 1939	DuQuoin	DuQuoin	May 11, 1971	9132
Norman Dean Lee	DuQuoin	July 25, 1922	Cobden	DuQuoin	May 11, 1971	9133
Paul M. Forby	Benton	November 16, 1948	Cobden	DuQuoin	May 11, 1971	9134
Val Gene Dallas	Stonfort	October 14, 1928	Carrier Mills	Eldorado	May 12, 1971	9135
Phillip D. Bishop	Raleigh	February 27, 1927	Raleigh	Eldorado	May 12, 1971	9136
Ronnie Brock	Ridgway	March 6, 1949	Holmes Mill, Ky	Eldorado	May 12, 1971	9137
John L. Wright	Harrisburg	February 25, 1942	Harrisburg	Eldorado	May 12, 1971	9138
Billy G. Moore	Harrisburg	June 3, 1944	Equality	Eldorado	May 12, 1971	9139
Jerry R. Laverett	Stonfort	September 10, 1945	Harrisburg	Eldorado	May 12, 1971	9140
Bob R. Vickers	Eldorado	August 11, 1936	Athens	Eldorado	May 12, 1971	9141
Gerald Smith	Eldorado	January 16, 1939	Equality	Eldorado	May 12, 1971	9142
Clyde G. Tucker	Eldorado	June 14, 1936	Broughton	Eldorado	May 12, 1971	9143

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
James A. Cutrell	New Shawneetown	33	February 16, 1938	Shawneetown	1	Eldorado	May 12, 1971	9144
Jane Dugard	Eldorado	54	September 7, 1916	Muddy	7	Eldorado	May 12, 1971	9145
Jesse Alexander	Harrisburg	51	November 22, 1919	Harrisburg	2	Harrisburg	May 13, 1971	9146
David Carone	Harrisburg	25	Sept. 23, 1945	Benton	2	Harrisburg	May 14, 1971	9147
Kenneth Murphy	Herrin	25	Sept. 23, 1945	Herrin	1	Marion	May 14, 1971	9148
Marvin E. Eberhart	Johnston City	49	May 26, 1921	Johnston City	1	Marion	May 14, 1971	9149
Maurice Dean Parks	Marion	23	January 14, 1947	Harrisburg	1	Marion	May 14, 1971	9150
Troy E. Russell	Herrin	24	March 4, 1948	Harrisburg	1	Marion	May 14, 1971	9151
Elwood H. McCandless	Oakland City, Ind.	41	March 2, 1930	Park	18	Freeburg	May 7, 1971	9152
Randall McCandless	Freeburg	24	February 26, 1947	Oakland City, Ind.	2½	Freeburg	May 7, 1971	9153
Larry L. Shell	Fayetteville	27	April 28, 1947	Shawneetown	1	Freeburg	May 7, 1971	9154
Luely F. Smith	Mascoutah	27	June 13, 1943	Bluford	1	Freeburg	May 7, 1971	9155
William E. Wiscauer	Sullivan, Ind.	24	June 14, 1946	Kalamazoo, Mich.	3	Freeburg	May 7, 1971	9156
Michael O. Day	Marissa	24	November 1, 1946	Boonville, Ind.	4	Freeburg	May 7, 1971	9157
R. L. Thorpe	Harrisburg	39	November 20, 1931	Kokopins, Ky.	1	Freeburg	May 7, 1971	9158
Leonard L. Lawless, Jr.	Tilden	47	December 22, 1923	Winkle	4	Freeburg	May 7, 1971	9159
Clemon L. Rainey	Coulterville	23	November 1, 1947	Coulterville	1	Freeburg	May 7, 1971	9160
Vernon E. Miller	Mascoutah	26	August 6, 1944	Herrin	1	Freeburg	May 7, 1971	9161
Roger E. Westcott	New Athens	45	November 10, 1925	Hillsboro	1	Freeburg	May 7, 1971	9162
David K. Blankenship	Freeburg	23	June 22, 1947	Ironton, Mo.	1	Freeburg	May 7, 1971	9163
Herschel E. Hoover	Shawneetown	37	October 16, 1934	Cave-In-Rock	1	Freeburg	May 7, 1971	9164
Ronald L. Gilley	Marissa	23	November 15, 1947	Belleville	1	Freeburg	May 7, 1971	9165
Loren W. Boyd, Jr.	O'Fallon	27	July 30, 1943	Washington, Mo.	1	Freeburg	May 7, 1971	9166
Bill G. Webber	Sparta	27	December 1, 1943	West Frankfort	1	Freeburg	May 7, 1971	9167
Bobby McAnelly	Johnston City	36	September 6, 1944	West Frankfort	1	Benton	May 10, 1971	9168
Lindell E. Payne	Johnston City	26	March 1, 1935	Johnston City	1	Benton	May 10, 1971	9169
Robert Taylor	Benton	39	April 9, 1932	Benton	1	Benton	May 10, 1971	9170
Tony A. Mazurier	Nokomis	54	May 18, 1916	New Baden	20	Benton	May 15, 1971	9171
Tom R. Ellis	Marion	50	February 1, 1947	Carbondale	1	West Frankfort	May 15, 1971	9172
Thomas D. Sparks	Nokomis	24	March 1, 1921	Witt	1	Taylorville	June 8, 1971	9173
George F. Irvin	Kincaid	57	October 1, 1913	Raleigh	18	Taylorville	June 8, 1971	9174
Robert Wright	Nokomis	56	March 27, 1915	Taylorville	1	Taylorville	June 8, 1971	9175
Wendie Fulford	Tower Hill	55	January 13, 1916	Sullivan, Ind.	8	Taylorville	June 8, 1971	9176
Thomas R. Serman	Kincaid	38	November 13, 1932	Kincaid	1	Taylorville	June 8, 1971	9177
William Grauer	Tovey	23	January 7, 1948	Taylorville	1	Taylorville	June 8, 1971	9178
Harold Eugene Wiker	Springfield	36	May 3, 1935	Athens	5	Taylorville	June 8, 1971	9179
Robert E. Long	Edinburg	44	August 29, 1926	Gillespie	4	Taylorville	June 8, 1971	9180
Howard Joseph Davis	Kincaid	35	March 19, 1936	Chicago	1	Taylorville	June 8, 1971	9181
Tom M. Kell	Kincaid	19	January 18, 1952	Taylorville	1	Taylorville	June 8, 1971	9182
Alvin Rosentreter	Bend	46	April 20, 1925	Carlinville	2	Carlinville	June 9, 1971	9183
John M. Kozak	Litchfield	41	June 12, 1929	Bend	4	Carlinville	June 9, 1971	9184

Harold D. Jones	Litchfield	26	November 21, 1944	Hillsboro	1	Carlinville	June 9, 1971	9185
Robert Dale Young	Wainville	27	November 27, 1941	Litchfield	4	Carlinville	June 9, 1971	9186
Charles Stainback	Shipman	29	January 11, 1944	Sikeston, Mo.	15	Carlinville	June 9, 1971	9187
Alberic J. Vancawelaert	Litchfield	46	July 26, 1926	Johnston City	22	Carlinville	June 9, 1971	9188
Richard E. Smith	Hillsboro	44	August 14, 1924	Tovey	17	Carlinville	June 9, 1971	9189
Alfred L. Lowe	Witt	40	April 25, 1931	Witt	27	Carlinville	June 9, 1971	9190
Paul J. Kocurek	Taylorville	47	July 29, 1923	Westville	7	Carlinville	June 9, 1971	9191
Paul Toshi	Girard	39	February 4, 1932	Girard	1	Tuscola	June 10, 1971	9192
James M. Cross	Tuscola	28	January 4, 1943	Marion	1	Marissa	June 11, 1971	9193
Dale L. Walcher	Freeburg	27	January 19, 1943	Hillsboro	1	Marissa	June 11, 1971	9194
Larry Morris	Mascoutah	36	May 16, 1944	Nortonville, Ky.	18	Marissa	June 11, 1971	9195
Ray D. Macke	Marissa	19	March 8, 1952	Red Bud	1	Christopher	June 12, 1971	9196
Edward Rutledge	Eldorado	54	February 22, 1917	Eldorado	1	Christopher	June 12, 1971	9197
Richard L. Rowland	Christopher	20	December 4, 1950	Johnston City	12	Christopher	June 12, 1971	9198
William Perschbacher	Johnston City	55	July 18, 1915	DuQuoin	1	Christopher	June 12, 1971	9200
Timothy R. Jones	Benton	23	August 8, 1947	Mt. Vernon	1	Christopher	June 12, 1971	9201
Roger L. McGovern	Mt. Vernon	20	July 19, 1950	Herrin	1	Christopher	June 12, 1971	9202
Donald D. Piazza	Benton	25	November 28, 1945	Christopher	1	Christopher	June 12, 1971	9203
Louis C. Carnaghi	Herrin	43	September 4, 1927	Benton	1	Christopher	June 12, 1971	9204
Joseph Malkovich	Sesser	47	September 19, 1923	luka	1	Christopher	June 12, 1971	9205
Thomas L. Fulton Jr.	Sesser	44	August 17, 1926	Royalton	1	Christopher	June 12, 1971	9206
Jesse J. Meadows Sr.	Royalton	41	September 18, 1929	Benton	1	Christopher	June 12, 1971	9207
Oris D. Drew	Wattonville	24	August 8, 1946	Benton	1	DuQuoin	June 14, 1971	9208
David A. Jenkel	Pinkneyville	20	June 2, 1951	DuQuoin	1	Benton	June 14, 1971	9209
James E. Vancil	Dowell	25	August 16, 1945	Nason	1	Benton	June 15, 1971	9210
Ronnie Baumgarte	Benton	25	March 28, 1946	Benton	1	Benton	June 15, 1971	9211
Terry Stowers	Benton	24	July 14, 1946	Plumfield	1	Benton	June 15, 1971	9212
Robert E. Birght Jr.	Zeigler	24	March 17, 1947	Benton	1	Benton	June 15, 1971	9213
Bobby D. Cunningham	Benton	24	December 22, 1946	Mt. Vernon	1	Benton	June 15, 1971	9214
Terry L. Dees	Valer	21	October 3, 1948	DuQuoin	1	Benton	June 15, 1971	9215
Lee Roy Clark	DuQuoin	20	May 3, 1951	Springfield	1	Benton	June 15, 1971	9216
Robert Larry Broadbuss	West Frankfort	22	September 24, 1949	Christopher	1	Benton	June 15, 1971	9217
John M. Mills	Mt. Vernon	31	October 28, 1948	Colmer	1	Benton	June 15, 1971	9218
Owen R. Jones	Harrisburg	44	January 8, 1940	Harrisburg	4	Eldorado	June 16, 1971	9219
Jack E. Bryant	Harrisburg	52	July 26, 1918	Michelville	1	Eldorado	June 16, 1971	9220
Edward Kuppert	Harrisburg	52	November 11, 1918	Old Shaneetown	1	Eldorado	June 16, 1971	9221
William H. Williams	Harrisburg	52	May 8, 1950	Harrisburg	1	Eldorado	June 16, 1971	9222
David L. Hankins	Harrisburg	26	February 19, 1945	Shawneetown	1	Eldorado	June 16, 1971	9223
George H. Berlin	Galatia	25	October 15, 1945	Harrisburg	1	Eldorado	June 16, 1971	9224
Rickel W. Weaver	Ridgway	23	October 19, 1947	Harrisburg	1	Eldorado	June 16, 1971	9225
Hershel W. Patton	Galatia	24	June 8, 1947	Eldorado	1	Eldorado	June 16, 1971	9226
John R. Hathaway	Galatia	24	March 23, 1946	Eldorado	1	Eldorado	June 16, 1971	9227
Ivan Dean Coyle	Eldorado	38	July 5, 1932	Ridgway	5	Eldorado	June 16, 1971	9228
David L. Griffith	Eldorado	23	November 21, 1947	Olney	1	Eldorado	June 16, 1971	9229
Terry W. Barton	Eldorado	24	July 28, 1946	Wagon	1	Eldorado	June 16, 1971	9230
Donald W. Brimm	Harrisburg	33	February 13, 1938	Cobden	1	Eldorado	June 16, 1971	9231
Jerry Atkinson	Harrisburg	25	January 13, 1946	Harrisburg	1	Eldorado	June 16, 1971	9232
Gary Belt	Harrisburg	31	November 13, 1945	West Frankfort	1	Eldorado	June 16, 1971	9233
Robert D. Myatt	West Frankfort	35	March 19, 1940	West Frankfort	1	West Frankfort	June 17, 1971	9234
Charles R. McClerren	West Frankfort	32	March 8, 1939	West Frankfort	1	West Frankfort	June 17, 1971	9235
Larry E. McClerren	Galatia	30	May 13, 1941	West Frankfort	1	West Frankfort	June 17, 1971	9236



## CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years ex- peri- ence	Place of examination	Date of examination	Certi- cate number
James E. O'Brien	Marion	38	January 30, 1933	Marion	1	West Frankt.	June 17, 1971	9237
Ricky A. Owsley	Orient	22	July 10, 1948	Herrin	1	West Frankt.	June 17, 1971	9238
Larry K. Isaacs	West Frankfort	31	May 13, 1940	West Frankfort	1	West Frankt.	June 17, 1971	9239
Robert L. Smith	West Frankfort	48	July 16, 1922	West Frankt.	1	West Frankt.	June 17, 1971	9240
James H. Riley	Royalton	20	June 23, 1950	DuQuoin	1	West Frankt.	June 17, 1971	9241
Curtis D. Peas	Norris City	46	January 13, 1925	Ridgway	1	Carrier Mills	June 19, 1971	9242
Charles A. Druce	Carrier Mills	33	August 17, 1937	Harrisburg	1	Carrier Mills	June 19, 1971	9243
David D. Griffin	Carrier Mills	39	January 19, 1932	Carrier Mills	1	Carrier Mills	June 19, 1971	9244
Millage A. Bramlet	Marion	54	July 24, 1916	Herrin	2	Carrier Mills	June 19, 1971	9245
Blaine R. Duty	Marion	21	December 21, 1949	Pittsburg	1	Carrier Mills	June 19, 1971	9246
Harold J. Hosmon	Marion	26	October 29, 1944	Bromham, England	1	Carrier Mills	June 19, 1971	9247
Kenneth D. Hartford	Carrier Mills	22	March 8, 1949	Harrisburg	2½	Carrier Mills	June 19, 1971	9248
Carol Newbold	Great Springs	41	April 8, 1930	Great Springs	1	Carrier Mills	June 19, 1971	9249
Denzil L. Halford	Eldorado	21	June 7, 1950	Harrisburg	1	Carrier Mills	June 19, 1971	9250
James E. Patton	Equality	40	January 13, 1931	Equality	2	Carrier Mills	June 19, 1971	9251
Larry D. Kilman	Stonelfort	22	May 11, 1949	Harrisburg	2½	Carrier Mills	June 19, 1971	9252
Clifford W. Cowper	Carrier Mills	20	November 10, 1949	Carrier Mills	1	Carrier Mills	June 18, 1971	9253
Dennis R. Fairmier	Carrier Mills	21	June 20, 1950	Herrin	1	Carrier Mills	June 18, 1971	9254
Roy R. Farthing	Mascoutah	52	August 3, 1918	Mt. Vernon	2	Marion	June 18, 1971	9255
Jimmy B. Beasley	Marion	27	June 16, 1951	Harrisburg	1	Marion	June 18, 1971	9256
Roger Rice	Raleigh	27	March 18, 1944	Harrisburg	1	Marion	June 18, 1971	9257
James Wyatt	Kincaid	19	March 10, 1952	Taylorville	1	Taylorville	July 7, 1971	9258
Harry J. Huddleston	Shipman	19	Sept. 5, 1951	Camden	1	Taylorville	July 7, 1971	9259
Dale Kalka	Carlinville	19	Jan. 26, 1951	Taylorville	1	Taylorville	July 7, 1971	9260
Dennis Long	Keyesport	26	June 20, 1945	Highland	1	Taylorville	July 7, 1971	9261
Jerry Webster	Taylorville	35	May 9, 1936	Taylorville	1	Taylorville	July 7, 1971	9262
Philip W. Gibbs, Jr.	Universal, Ind	29	April 4, 1941	Paris	4	Taylorville	July 7, 1971	9263
Earl W. Jordan	Carlinville	30	June 6, 1942	Macoupin	1	Taylorville	July 7, 1971	9264
Robert Broadbudd	Springfield	47	May 10, 1924	Macoupin, W. Va.	1	Farmersville	July 8, 1971	9265
Glen Weatherford	Butler	45	Feb. 22, 1926	Litchfield	1	Farmersville	July 8, 1971	9266
Jerry Kraus	Farmersville	22	Jan. 23, 1947	Litchfield	1	Farmersville	July 8, 1971	9267
Richard Dann	Gillespie	57	May 13, 1914	Springfield	7	Farmersville	July 8, 1971	9268
Dominick Planletti	Carlinville	55	Oct. 7, 1915	Gillespie	1	Carlinville	July 9, 1971	9269
Donald Lee VanHuss	Hillsboro	26	July 23, 1945	Sawyerille	1	Carlinville	July 9, 1971	9270
Morris Whalen	Litchfield	36	April 30, 1935	Virdeon	2	Lincoln	July 10, 1971	9271
James Blaseck	Litchfield	58	July 14, 1912	Mt. Olive	1	Carlinville	July 9, 1971	9272
Harold W. Sims	Zeigler	28	June 28, 1915	Bonanza, Ark	1	Benton	July 12, 1971	9273
John Feira	Coello	56	Dec. 17, 1942	Coello	4	Benton	July 12, 1971	9274
Ronald D. Wilson	Valter	28	May 17, 1945	Mt. Vernon	1	Benton	July 12, 1971	9275
David M. Baker	Sesser	21	Jan. 31, 1950	Christopher	1	Benton	July 12, 1971	9276

Gary W. Walker	Harrisburg	19	April 28, 1952	Harrisburg	Benton	July 12, 1971	9278
David H. Reid	Sesser	21	May 24, 1950	Christopher	Benton	July 12, 1971	9279
Deland E. Christian	Pana	26	Nov. 24, 1924	Nokomis	Eldorado	July 14, 1971	9280
David Wright	Harrisburg	31	Feb. 24, 1941	Harrisburg	Harrisburg	July 15, 1971	9281
Robert Summers	Eldorado	31	July 23, 1939	West City	Harrisburg	July 15, 1971	9282
William Penrod Jr.	Weldon	23	Nov. 23, 1947	Morganfield, Ky	Harrisburg	July 15, 1971	9283
Billy Sanderson	West Frankfort	25	Nov. 29, 1946	Corinth	Harrisburg	July 15, 1971	9284
Karl Sath F. Watson	Equality	30	Dec. 10, 1940	Chicago	Carrier Mills	July 17, 1971	9285
Arnold M. Stevens	Galatia	21	Feb. 20, 1950	Eldorado	Carrier Mills	July 17, 1971	9286
William R. Douglas	Carrier Mills	25	March 5, 1946	Harrisburg	Carrier Mills	July 17, 1971	9287
William F. Richardson	Eldorado	41	Dec. 22, 1929	Eldorado	Carrier Mills	July 17, 1971	9288
John T. Wing	Elgin	53	June 23, 1918	Rosiclare	Carrier Mills	July 17, 1971	9289
James A. Fulkerson	Harrisburg	23	May 7, 1948	Harrisburg	Carrier Mills	July 17, 1971	9290
Gerald G. Davis	Marion	26	May 11, 1945	Marion	Marion	July 19, 1971	9291
Herbert Krumrey	Marion	22	Sept. 23, 1948	St. Louis	Marion	July 19, 1971	9292
Charles E. Ray	Johnston City	25	Nov. 23, 1945	Johnston City	Marion	July 19, 1971	9293
Dominic Macari, Jr.	West Frankfort	28	December 8, 1942	West Frankfort	DuQuoin	July 13, 1971	9294
Carol L. Smith	West Frankfort	44	July 1, 1927	Benton	West Frankfort	July 16, 1971	9295
Glendell Downs	Benton	27	July 1, 1944	West Frankfort	W. Frankfort	July 16, 1971	9296
James W. Myers	Waltonville	24	Nov. 12, 1946	Herrin	Herrin	July 20, 1971	9297
Harold Leaderbrand	Sesser	26	August 6, 1944	Pekin	Herrin	July 20, 1971	9298
David E. Hill	Kincaid	40	Dec. 3, 1930	Derroit, Mich.	Taylorville	Aug. 3, 1971	9299
John C. Piazza	Logan	24	Dec. 1, 1946	Benton	Taylorville	Aug. 3, 1971	9300
Marion Ray Landon	Girard	54	Dec. 14, 1916	Bunker Hill	Girard	Aug. 4, 1971	9301
Clifton Downey	Farmersville	32	Aug. 9, 1933	Olaton, Ky.	Herrin	Aug. 6, 1971	9302
William Mason	Herrin	28	July 30, 1943	Herrin	Herrin	Aug. 6, 1971	9303
Lendell L. McDonald	Johnston City	51	May 6, 1920	Harrisburg	Herrin	Aug. 6, 1971	9304
Gary Odum	Herrin	25	April 8, 1919	Herrin	Herrin	Aug. 6, 1971	9305
Andy Patrick	Carbondale	52	April 14, 1948	Orient	Herrin	Aug. 6, 1971	9306
Michiel Pike	West Frankfort	23	April 14, 1948	Herrin	Herrin	Aug. 6, 1971	9307
Robert L. Rowney	Sparta	19	April 29, 1952	Red Bud	Herrin	Aug. 6, 1971	9308
Richard McKinney	West Frankfort	29	January 12, 1942	Royalton	Herrin	Aug. 6, 1971	9309
Lonnie D. Walker	West Frankfort	30	August 19, 1940	West Frankfort	Herrin	Aug. 6, 1971	9310
Robert E. Bright	Herrin	46	March 16, 1925	Centralia	Herrin	Aug. 6, 1971	9311
Ewin D. Gerald	Belleville	25	January 21, 1946	Belleville	Herrin	Aug. 6, 1971	9312
Thomas L. McIntosh	Sparta	29	Sept. 12, 1941	West Frankfort	Herrin	Aug. 6, 1971	9313
Johnnie W. Jones	Wasson	30	April 25, 1941	Harrisburg	Shawneetown	Aug. 6, 1971	9314
John T. Milligan	Shawneetown	21	March 13, 1950	Middlesboro, Ky.	Shawneetown	Aug. 7, 1971	9315
J.A. King	Belleville	23	Nov. 12, 1947	Sparta	Shawneetown	Aug. 7, 1971	9316
Dennis D. Eggemeyer	Belleville	27	May 23, 1944	Belleville	Shawneetown	Aug. 7, 1971	9317
Ronald L. Kohring	Evansville	35	June 11, 1941	Steelville	Shawneetown	Aug. 7, 1971	9318
Albert Narve	Coulterville	20	January 28, 1946	St. Louis, Mo.	Shawneetown	Aug. 7, 1971	9319
Bobby L. Martin	Ziegler	49	January 20, 1922	Princeton, Ind.	Shawneetown	Aug. 7, 1971	9320
Donald Collins	Tilden	27	July 23, 1944	Crofton, Ky.	Shawneetown	Aug. 7, 1971	9321
Richard K. Certain	Harrisburg	27	August 19, 1947	Sturgis, Ky.	Shawneetown	Aug. 7, 1971	9322
Frank Allen Fate	Equality	23	Dec. 6, 1934	Equality	Shawneetown	Aug. 7, 1971	9323
R.J. McNew	Eddyville	36	August 19, 1947	Harrisburg	Shawneetown	Aug. 7, 1971	9324
Jimmy L. Herring	Carrier Mills	51	October 31, 1919	Carrier Mills	Shawneetown	Aug. 7, 1971	9325
Lanny D. Day	Creal Springs	24	August 6, 1947	Lemay, Mo.	Shawneetown	Aug. 7, 1971	9326
Ralph J. Jennings	Benton	50	June 30, 1951	McCleansboro	Shawneetown	Aug. 7, 1971	9327
William Cox	Johnston City	20	Sept. 24, 1936	Herrin	Benton	Aug. 8, 1971	9328
	Mt. Vernon	46	Aug. 1, 1925	Albion	Benton	Aug. 8, 1971	9329

## CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Frank Kohut	Bonnie	32	March 7, 1939	Nason	1	Benton	Aug. 9, 1971	9330
Kenneth Shelton	West Frankfort	24	July 6, 1947	West Frankfort	1	Benton	Aug. 9, 1971	9331
Ewing Johnston	Benton	46	June 26, 1925	Benton	1	Benton	Aug. 9, 1971	9332
Woodrow E. Ferrel	Mukletown	58	March 7, 1913	Harrisburg	2	Benton	Aug. 9, 1971	9333
Carle Hess	Zeigler	43	April 2, 1928	Christopher	1	Benton	Aug. 9, 1971	9334
James R. Pearson	Valer	27	August 11, 1943	West Frankfort	1	Benton	Aug. 9, 1971	9335
Charles McGhee, Jr.	Freeburg	34	June 24, 1937	Cleburne	1	Benton	Aug. 9, 1971	9336
Charles O. Barnard	Orient	48	July 7, 1922	Cherokee, Kansas	1	Benton	Aug. 9, 1971	9337
Joseph A. Farmer	Christopher	29	May 24, 1942	Zeigler	1	Benton	Aug. 9, 1971	9338
George Savka	Royalton	37	January 25, 1934	Royalton	1	Benton	Aug. 9, 1971	9339
D.C. Cole	Sparta	24	June 16, 1947	Sparta	1	DuQuoin	Aug. 10, 1971	9340
R.R. Kuhnert	Cutler	25	Aug. 2, 1946	DuQuoin	1	DuQuoin	Aug. 10, 1971	9341
Thomas J. McCrary	Steelville	37	Nov. 21, 1933	Steelville	1	DuQuoin	Aug. 10, 1971	9342
Michael Lowe	Steelville	25	April 10, 1946	Coulterville	1	DuQuoin	Aug. 10, 1971	9343
Raymond Sauerwein	Marissa	52	April 1, 1919	Marissa	1	DuQuoin	Aug. 10, 1971	9344
Joe E. Owens	Tilden	28	June 16, 1943	Tilden	1	DuQuoin	Aug. 10, 1971	9345
LyLee Sizemore	DuQuoin	33	Dec. 14, 1937	DuQuoin	1	DuQuoin	Aug. 10, 1971	9346
Raymond Palmer	DuQuoin	39	Nov. 19, 1931	DuQuoin	1	DuQuoin	Aug. 10, 1971	9347
Shannon D. Williams	Mascoutah	31	Aug. 13, 1939	Salem	1	DuQuoin	Aug. 10, 1971	9348
Roy Miller	Sesser	21	May 17, 1950	Valer	1	DuQuoin	Aug. 10, 1971	9349
Jon Vercellino	Valer	34	Sept. 8, 1936	Christopher	1	DuQuoin	Aug. 10, 1971	9350
Gary F. Franklin	Marissa	23	April 7, 1948	Red Bud	1	DuQuoin	Aug. 10, 1971	9351
Paul L. Wellmuenster	Marissa	24	March 25, 1947	Belleville	1	DuQuoin	Aug. 10, 1971	9352
T.L. Bird	Swanwick	23	March 11, 1948	DuQuoin	1	DuQuoin	Aug. 10, 1971	9353
D.M. Smith	Marissa	21	May 28, 1950	Belleville	1	DuQuoin	Aug. 10, 1971	9354
Steven R. Atterberry	Marissa	22	Nov. 22, 1948	Hillsboro	1	DuQuoin	Aug. 10, 1971	9355
Jerry L. Franklin	Marissa	23	April 7, 1948	Red Bud	1	DuQuoin	Aug. 10, 1971	9356
Gary W. Campbell	Tilden	22	Dec. 26, 1948	Red Bud	1	DuQuoin	Aug. 10, 1971	9357
Clifford L. Price	Marissa	26	Jan. 27, 1945	Tilden	1	DuQuoin	Aug. 10, 1971	9358
Paul Brown	Sparta	39	April 3, 1932	Red Bud	1	DuQuoin	Aug. 10, 1971	9359
Robert H. Johnson	Freeburg	36	August 2, 1935	Freeburg	1	DuQuoin	Aug. 10, 1971	9360
Roger A. Pies	Nashville	25	Dec. 9, 1945	DuQuoin	1	DuQuoin	Aug. 10, 1971	9361
John A. Chapman	Tamaroa	23	Dec. 31, 1942	Belleville	1	DuQuoin	Aug. 10, 1971	9362
John C. Stricklin	Harrisburg	29	July 24, 1946	Eldorado	1	DuQuoin	Aug. 11, 1971	9363
Ryan L. Watren	Glendale	46	Aug. 10, 1925	Bern, Mo.	1	Eldorado	Aug. 11, 1971	9364
John P. Blevins	Hillsboro	42	Aug. 29, 1928	Gillespie	2	Eldorado	Aug. 11, 1971	9365
Robert D. Rice	Harrisburg	23	April 14, 1948	Harrisburg	1	Eldorado	Aug. 11, 1971	9366
David W. Bowles	Carrier Mills	24	April 2, 1947	Harrisburg	1	Eldorado	Aug. 11, 1971	9367
Ferrell Austin	Galatia	31	April 4, 1940	Extra, California	1	Eldorado	Aug. 11, 1971	9368
Darrell Walker	Harrisburg	21	August 15, 1949	Harrisburg	2	Eldorado	Aug. 11, 1971	9369
George G. Murch	Mt. Vernon	27	Oct. 10, 1943	Rockport, Ind.	1	Eldorado	Aug. 11, 1971	9370



Steve E. Brown	Harrisburg	19	March 1, 1952	Harrisburg	1	Eldorado	Aug. 11, 1971	9371
Harry R. Moore	Harrisburg	32	August 22, 1938	Eldorado	1	Eldorado	Aug. 11, 1971	9372
Robert Hatcher	Harrisburg	19	Aug. 17, 1951	Harrisburg	1	Eldorado	Aug. 11, 1971	9373
John Howard Hunt	Greig Springs	35	May 19, 1936	Fort Knox, Ky.	1	Marion	Aug. 12, 1971	9374
Edward K. Brasher	Zeigler	31	May 20, 1940	Chicago	1	Marion	Aug. 12, 1971	9375
Peter M. McRoy	Marion	33	March 20, 1938	Marion	1	Marion	Aug. 12, 1971	9376
Mark A. Whaley	Benton	33	March 20, 1952	Christopher	1	Marion	Aug. 12, 1971	9377
Kenneth Pemberton	Marion	19	April 20, 1943	Galatia	1	Marion	Aug. 12, 1971	9378
Joe B. Hines	Freeburg	27	October 8, 1919	Beaver Dam, Ky.	1	Marion	Aug. 12, 1971	9379
Dale Carney	Ewing	52	March 15, 1943	West Frankfort	1	Marion	Aug. 12, 1971	9380
Lyman Hanks	Marion	39	Aug. 17, 1931	Marion	1	Hurst	Aug. 13, 1971	9381
Benny Poriez	Stonington	55	Sept. 6, 1915	Stonington	6	Carrier Mills	Aug. 14, 1971	9382
Roger Lee Shires	Harrisburg	28	Dec. 17, 1942	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9383
Don Glarida	Carrier Mills	30	Nov. 3, 1940	Harrisburg	1 1/2	Carrier Mills	Aug. 14, 1971	9384
Dawayne Cain	Carrier Mills	30	Aug. 10, 1941	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9385
George H. Henshaw	Stonestoft	28	Sept. 28, 1942	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9386
John S. Hill	Tunnel Hill	20	Aug. 31, 1950	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9387
Thomas L. Robertson	Greig Springs	23	June 16, 1948	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9388
Charles L. Creamer	Eldorado	35	October 13, 1935	Evansville, Ind.	1	Carrier Mills	Aug. 14, 1971	9389
Richard E. Certain	Herod	63	July 5, 1908	Dekoven, Ky.	30	Carrier Mills	Aug. 14, 1971	9390
Dahl D. Tabor	Carrier Mills	33	Dec. 11, 1935	Carrier Mills	1	Carrier Mills	Aug. 14, 1971	9391
Ronald E. Oliver	Ashley	33	July 2, 1938	Harvey	1	Carrier Mills	Aug. 14, 1971	9392
Benny J. Fritts	Stonestoft	23	Aug. 16, 1947	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9393
Kenneth Ray Barnard	Eldorado	34	January 16, 1937	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9394
Harold Abraham	Harrisburg	31	December 15, 1939	Montgomery, Ind.	1	Carrier Mills	Aug. 14, 1971	9395
George E. Owen	Harrisburg	34	January 19, 1937	Harrisburg	1	Carrier Mills	Aug. 14, 1971	9396
Howard T. Landrey, Jr.	Pawnee	24	Dec. 16, 1946	Springfield	1	Carrier Mills	Aug. 14, 1971	9397
John Francis Gusouskis	Springfield	25	Sept. 8, 1945	Springfield	1	Springfield	Sept. 7, 1971	9398
Terrance L. Jackson	Clinton	29	March 8, 1942	Clinton, Ind.	1	Springfield	Sept. 7, 1971	9399
Eddie D. Cox	Hume	27	July 7, 1944	Clinton, Ind.	1	Tuscola	Sept. 8, 1971	9400
Donald R. Linemann	Tuscola	27	August 12, 1944	Gilston, Ind.	1	Tuscola	Sept. 8, 1971	9401
Henry G. Graham	Tuscola	35	May 28, 1936	Murphysboro	1	Tuscola	Sept. 8, 1971	9402
Terry Winters	Marion	26	March 31, 1945	Redman	1	Tuscola	Sept. 8, 1971	9403
William Halstead	Hurst	30	October 24, 1940	Herrin	1	Tuscola	Sept. 8, 1971	9404
Wesley L. Williams	Shelburn, Ind.	37	March 10, 1934	Carterville	1	Tuscola	Sept. 8, 1971	9405
Donald Joe Crooks	Shelburn, Ind.	26	Sept. 20, 1944	Shelburn, Ind.	1	Tuscola	Sept. 8, 1971	9406
Joseph Patrick Harrison	Taylorville	51	March 3, 1920	Sullivan, Ind.	13	Tuscola	Sept. 9, 1971	9407
Alan L. Mann	Taylorville	19	October 31, 1951	W. Houghton, Eng.	1	Taylorville	Sept. 9, 1971	9408
Thomas William Wilson	Taylorville	24	October 6, 1946	Taylorville	1	Taylorville	Sept. 9, 1971	9409
Orie Melton England	Taylorville	59	January 27, 1912	Springfield	2	Taylorville	Sept. 9, 1971	9410
J.L. Savant	Benid	23	January 12, 1948	Springfield	1	Taylorville	Sept. 9, 1971	9411
Raymond H. Koonce	Taylorville	28	February 1, 1943	Taylorville	1	Taylorville	Sept. 9, 1971	9412
Earl Leslie Craig	Taylorville	50	January 1, 1921	Pana	1	Taylorville	Sept. 9, 1971	9413
Wilbur A. Moore	Coften	31	October 9, 1939	Springfield	1	Taylorville	Sept. 9, 1971	9414
Donald E. Jenkins	Carlinville	24	February 2, 1947	Springfield	1	Virden	Sept. 10, 1971	9415
William A. Scott	Virden	19	March 28, 1952	Peoria	1	Virden	Sept. 10, 1971	9416
David Albert Taylor	Gillespie	37	October 15, 1933	Carlinville	1	Virden	Sept. 10, 1971	9417
Rex Drannel	Virden	21	Sept. 19, 1949	Litchville	1	Virden	Sept. 10, 1971	9418
Ivan Morgan	Morrisville	20	October 19, 1950	Vandalia	1	Virden	Sept. 10, 1971	9419
Les Jones	Galatia	29	October 21, 1941	Harrisburg	1	Equality	Sept. 11, 1971	9420
Drexel Dee Reed	Eldorado	29	October 22, 1941	Eldorado	1	Equality	Sept. 11, 1971	9421
James E. Evans	Eldorado	27	May 14, 1944	Eldorado	1	Equality	Sept. 11, 1971	9422

## CERTIFICATES ISSUED BY MINERS EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Emmett D. Karns	Eldorado	34	Sept. 8, 1937	Harrisburg	1	Equality	Sept. 11, 1971	9423
David Ray Adams	Benton	25	Jan. 18, 1947	Rockford	1	Equality	Sept. 11, 1971	9424
Jerry W. Elam	Thompsonville	26	Dec. 14, 1944	Metropolis	1	Equality	Sept. 11, 1971	9425
Bob R. Boone	Harrisburg	27	August 30, 1944	Harrisburg	1	Equality	Sept. 11, 1971	9426
V. Gene Sittig	Raleigh	27	February 26, 1944	Harrisburg	1	Equality	Sept. 11, 1971	9427
William Rodgers	Galatia	31	March 10, 1940	Eldorado	1	Equality	Sept. 11, 1971	9428
Warren Sizemore	Eldorado	38	December 28, 1932	Hyden, Ky.	1	Equality	Sept. 11, 1971	9429
Larry Jones	Marion	30	January 17, 1941	Galatia	1	Equality	Sept. 11, 1971	9430
Rodney Deuel	Carrier Mills	27	May 24, 1944	Benton Harbor, Mich.	1	Equality	Sept. 11, 1971	9431
Robert McCormick	Harrisburg	29	August 14, 1942	Detroit, Mich.	1	Equality	Sept. 11, 1971	9432
Thomas H. Gunter	West Frankfort	28	Feb. 16, 1943	New Castle, Ind.	1	Equality	Sept. 11, 1971	9433
Clifford C. Kanady	Junction	20	April 17, 1951	Eldorado	1	Equality	Sept. 11, 1971	9434
Bob Dawson	Carrier Mills	39	August 8, 1932	Pittsburg	1	Equality	Sept. 11, 1971	9435
Paul B. Russell, Jr.	Ina	26	Nov. 8, 1932	Harrisburg	1	Equality	Sept. 11, 1971	9436
Andy M. Hutchens	Benton	38	July 25, 1946	Ewing	1	Benton	Sept. 13, 1971	9437
Kenneth Rumsey	Marion	25	Dec. 30, 1922	Williamson	20	Benton	Sept. 13, 1971	9438
Virgil H. Corder	Great Springs	49	Dec. 24, 1948	Great Springs	22	Benton	Sept. 13, 1971	9439
William Sullivan	West Frankfort	22	Feb. 15, 1942	Marion	1	Benton	Sept. 13, 1971	9440
Bobby Folar	Marion	29	Dec. 9, 1936	Carrier Mills	1	Benton	Sept. 13, 1971	9441
Mondel Martin	Great Springs	34	July 8, 1942	Carrier Mills	1	Benton	Sept. 13, 1971	9442
Robert Sullivan	Pinckneyville	29	June 29, 1946	Lincoln	1	Benton	Sept. 13, 1971	9443
John Tedder	Christopher	25	Sept. 22, 1942	DuQuoin	1	Benton	Sept. 13, 1971	9444
Robert C. Cross	Benton	28	June 18, 1948	Benton	1	Benton	Sept. 13, 1971	9445
Robert Davis	Johnston City	23	June 14, 1925	Marion	1	Benton	Sept. 13, 1971	9446
George P. Marks	Johnston City	46	Feb. 13, 1920	Mt. Vernon	1	Benton	Sept. 13, 1971	9447
Melvin Bean	Pittsburg	51	Jan. 7, 1923	Pittsburg	1	Benton	Sept. 13, 1971	9448
James Sanders, Jr.	Benton	37	June 16, 1934	Benton	1	Benton	Sept. 13, 1971	9449
Raymond Warren	West Frankfort	48	Feb. 3, 1939	Pittsburg	1	Benton	Sept. 13, 1971	9450
Alfred Mccaby	Sesser	32	January 9, 1947	Sesser	1	Benton	Sept. 13, 1971	9451
James D. Robbins	Coello	24	March 2, 1946	Coello	1	Benton	Sept. 13, 1971	9452
Robert D. Swisher	Mukewtown	24	Dec. 24, 1947	Coello	1	Benton	Sept. 13, 1971	9453
Charles Jacoby	Benton	32	October 22, 1938	Benton	1	Benton	Sept. 13, 1971	9454
Michael Browning	Herrin	26	January 10, 1943	Royalton	1	Benton	Sept. 13, 1971	9455
Donna Eskeew	West Frankfort	24	April 9, 1947	Mt. Vernon	1	Benton	Sept. 13, 1971	9456
Harley D. Maxedon	West Frankfort	29	February 23, 1942	Coles County	1	Benton	Sept. 13, 1971	9457
Donald Harris	Benton	36	February 25, 1943	Johnston City	1	Benton	Sept. 13, 1971	9458
Dean Cantrell	Benton	38	October 12, 1934	Carver-In-Rock	1	Benton	Sept. 13, 1971	9459
Don Jackson	Tamraoa	23	Nov. 25, 1948	Price, Ky.	1	Benton	Sept. 13, 1971	9460
Darrell Compton	Sesser	23	Nov. 26, 1947	Price, Ky.	1	Benton	Sept. 13, 1971	9461
Glarence E. Payne	Marion	25	Dec. 7, 1945	Crad Orchard	1	Benton	Sept. 13, 1971	9462

Jerry Crane	27	May 10, 1944	Shawneetown	1	Benton	Sept. 13, 1971	9464
Claude Shumate	23	October 22, 1947	Wheelwright, Ky.	1	DuQuoin	Sept. 14, 1971	9465
D. R. Wolfe	29	June 20, 1942	DuQuoin	1	DuQuoin	Sept. 14, 1971	9466
D. W. Mathis	23	October 7, 1947	Pickneyville	1	DuQuoin	Sept. 14, 1971	9467
Roy Gant	32	Feb. 16, 1939	DuQuoin	1	DuQuoin	Sept. 14, 1971	9468
Tom J. Kern	21	October 17, 1949	Pittsburg, Pa.	1	DuQuoin	Sept. 14, 1971	9469
M. D. Bird	39	October 17, 1931	Pickneyville	1	DuQuoin	Sept. 14, 1971	9470
E. R. Leming	23	April 30, 1948	Belleville	1	DuQuoin	Sept. 14, 1971	9471
W. D. Todd	41	June 27, 1930	Cutler	1	DuQuoin	Sept. 14, 1971	9472
Robert L. Kincaid	57	March 23, 1914	Galatia	1	Eldorado	Sept. 15, 1971	9473
Jerry L. Rice	19	March 13, 1952	Eldorado	1	Eldorado	Sept. 15, 1971	9474
Tom Vaughn	34	March 24, 1937	Shawneetown	1	Eldorado	Sept. 15, 1971	9475
William E. Smith	27	Dec. 16, 1943	Muddy	1	Eldorado	Sept. 15, 1971	9476
John D. Yearwood	29	Feb. 24, 1942	Mt. Vernon	1	Eldorado	Sept. 15, 1971	9477
Joe Woolford	31	Jan. 22, 1940	Red Bud	1	Freeburg	Sept. 16, 1971	9478
Kenneth Kraus	29	Feb. 1, 1942	Fayetteville	1	Freeburg	Sept. 16, 1971	9479
Harry Kell	21	April 21, 1949	Belleville	1	Freeburg	Sept. 16, 1971	9480
Leo E. Porritt	32	July 25, 1939	Herrin	1	Freeburg	Sept. 16, 1971	9481
John C. Watson	20	Jan. 11, 1951	Red Bud	1	Freeburg	Sept. 16, 1971	9482
Roger E. Papproth	34	April 8, 1937	Herrin	1	Freeburg	Sept. 16, 1971	9483
Carl D. McGough	31	May 6, 1940	Lebanon	1	Freeburg	Sept. 16, 1971	9484
Charles Conklin	47	Sept. 30, 1923	Marissa	1	Freeburg	Sept. 16, 1971	9485
Donald J. Yurgec	32	March 12, 1939	Belleville	1	Freeburg	Sept. 16, 1971	9486
Ronald C. Boyer	29	August 4, 1942	Belleville	1	Freeburg	Sept. 16, 1971	9487
Robert W. Mulholland	39	April 17, 1932	E. St. Louis	1	Freeburg	Sept. 16, 1971	9488
Stanley E. Lindsay	24	August 5, 1947	Coulterville	1	Freeburg	Sept. 16, 1971	9489
James Sherrod	43	Nov. 27, 1927	Pennington, Va.	1	Freeburg	Sept. 16, 1971	9490
Sam Osburn	23	August 20, 1948	Harrisburg	1	Eldorado	Sept. 16, 1971	9491
Kenneth Morris	24	Jan. 7, 1947	Harrisburg	1	W. Frankfort	Sept. 17, 1971	9492
Robert Rice	28	April 17, 1943	Herrin	1	W. Frankfort	Sept. 17, 1971	9493
James Wilson Lindsey	31	Sept. 14, 1940	West Frankfort	1	W. Frankfort	Sept. 17, 1971	9494
Edward Thurmond	21	Feb. 21, 1950	Providence, Ky.	1	W. Frankfort	Sept. 17, 1971	9495
Robert E. Adkins	31	June 22, 1940	Harrisburg	1	W. Frankfort	Sept. 17, 1971	9496
John Colyer	30	March 17, 1941	West Frankfort	1	W. Frankfort	Sept. 17, 1971	9497
Ivan Mikell	43	October 17, 1927	Freeman Spur	1	W. Frankfort	Sept. 17, 1971	9498
Leonard Murphy	37	May 18, 1946	Campbell, Mo.	1	W. Frankfort	Sept. 17, 1971	9499
Bartholomew Balruis	57	Nov. 23, 1933	West Frankfort	1	W. Frankfort	Sept. 17, 1971	9500
Russell G. Storey	35	Feb. 11, 1920	Royalton	1	Sesser	Sept. 18, 1971	9501
Everett Edwards	51	Oct. 11, 1911	Winfield	1	Sesser	Sept. 18, 1971	9502
Clyde Woodside	52	Feb. 28, 1919	Sesser	1	Sesser	Sept. 18, 1971	9503
Travis Evans	35	Feb. 20, 1946	DuQuoin	1	Sesser	Sept. 18, 1971	9504
Bob Fairchild	27	Feb. 24, 1944	Franklin County	1	Sesser	Sept. 18, 1971	9505
Kenneth Stegal	26	Feb. 1, 1944	Jefferson County	1	Sesser	Sept. 18, 1971	9506
Dennis Fisher	29	March 13, 1951	St. Clair	1	Sesser	Sept. 18, 1971	9507
Richard Szczepiewski	29	Feb. 15, 1942	DuQuoin	1	Sesser	Sept. 18, 1971	9508
Richard Barwick	29	July 25, 1942	Herrin	1	Sesser	Sept. 18, 1971	9509
Kenneth Irvin	35	Jan. 26, 1936	Gobden	1	Sesser	Sept. 18, 1971	9510
Howard J. Evetts	30	Sept. 26, 1941	Stonelort	1	Sesser	Sept. 18, 1971	9511
Ellsworth D. Parrish	48	July 21, 1932	Sawyerille	10	Carrier Mills	Sept. 20, 1971	9512
Harley Cotfield	24	March 12, 1947	Carrier Mills	1	Carrier Mills	Sept. 20, 1971	9513
					Carrier Mills	Sept. 20, 1971	9514
							9515

## CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
John Stewart, Jr.	Harrisburg	24	February 8, 1947	Hammond, Indiana	1	Carrier Mills	Sept. 20, 1971	9516
Jay Albertina	Collinsville	51	October 19, 1919	Milan, Italy	12	Carrier Mills	Sept. 20, 1971	9517
Danny M. Taylor	Carrier Mills	22	March 23, 1949	Carrier Mills	1	Carrier Mills	Sept. 20, 1971	9518
Donald D. Ferguson	Athens	42	March 23, 1929	Petersburg	15	Springfield	October 4, 1971	9519
Thomas D. Ferguson	Springfield	23	March 10, 1948	Athens	1	Springfield	October 4, 1971	9520
Archie Thompson	Shuman	48	March 20, 1923	Mobile, Ala.	1	Springfield	October 5, 1971	9521
James Hosmer	Coffeen	30	March 30, 1941	Bessemer, Ala.	5	Carlinville	October 5, 1971	9522
Dallas Hosmer	Coffeen	56	March 8, 1915	Yolande, Ala.	34	Carlinville	October 5, 1971	9523
Earl Hosmer	Coffeen	28	October 5, 1943	Blue Creek, Ala.	4	Carlinville	October 5, 1971	9524
Kenneth Rusher	Springfield	48	November 9, 1922	Willey	6	Carlinville	October 5, 1971	9525
Donald D. Grege	Starchfield	37	October 29, 1939	Litchfield	1	Carlinville	October 5, 1971	9526
Don W. Charness	Taylorville	31	October 23, 1939	Taylorville	1	Carlinville	October 5, 1971	9527
Gary W. Chatter	Paris	21	July 2, 1950	Detroit, Mich.	1	Taylorville	October 6, 1971	9528
Alvin E. Bricker	Nokomis	43	October 14, 1927	Nokomis	3	Taylorville	October 6, 1971	9529
John M. Walker	Taylorville	20	March 29, 1951	Taylorville	1	Taylorville	October 6, 1971	9530
Dennis A. Pop	Kincaid	25	August 31, 1946	Taylorville	1	Taylorville	October 6, 1971	9531
Robert A. Smothers	Harrisburg	22	Sept. 27, 1949	Taylorville	1	Taylorville	October 6, 1971	9532
Charles E. Holmes	Harrisburg	33	February 24, 1937	Harrisburg	1	Harrisburg	October 8, 1971	9533
Otto R. Fitts	Harrisburg	42	February 28, 1928	Eddyville, Ky.	1	Harrisburg	October 8, 1971	9534
Carl E. Edwards	Greaf Springs	28	November 5, 1942	Stonelford	1	Harrisburg	October 8, 1971	9535
Loie Bennett	Harrisburg	53	March 19, 1918	Delwood	1	Harrisburg	October 8, 1971	9536
Robert B. Comer, Jr.	Carrier Mills	24	November 1, 1948	E. St. Louis	1	Harrisburg	October 8, 1971	9537
Ronnie Morse	Harrisburg	27	August 18, 1944	Cairo	1	Harrisburg	October 8, 1971	9538
Thomas O. Fox	Harrisburg	24	December 1, 1946	Harrisburg	1	Harrisburg	October 8, 1971	9539
Lloyd Ray Harris	Greaf Springs	30	May 2, 1941	Stonelford	1	Harrisburg	October 8, 1971	9540
Noah David Horton	Harrisburg	19	March 22, 1952	Eldorado	1	Harrisburg	October 8, 1971	9541
George Stouton	Harrisburg	38	April 3, 1933	St. Louis, Mo.	2	Harrisburg	October 8, 1971	9542
Bruce Horseley	Herrin	22	November 17, 1948	Christopher	1	Hurst	October 9, 1971	9543
Junior L. Hammonds	Mulkeytown	22	January 30, 1933	Christopher	1	Benton	October 11, 1971	9544
William Chamness	West Frankfort	33	August 31, 1939	West Frankfort	4	Benton	October 11, 1971	9545
Dennis Flowers	Royalton	21	July 17, 1950	Benton	1	Benton	October 11, 1971	9546
Davis Summers	Benton	23	November 26, 1947	Waltonville	1	Benton	October 11, 1971	9547
Wesley Conner	Benton	47	November 18, 1923	Benton	1	Benton	October 11, 1971	9548
Coy W. Brooks	Johnston City	42	December 4, 1929	Erlington, Ky.	22	Benton	October 11, 1971	9549
Mike Wyant	Benton	22	March 12, 1949	Benton	4	Benton	October 11, 1971	9550
Charles E. Hall	Benton	24	October 19, 1946	Benton	1	Benton	October 11, 1971	9551
Lawrence L. Monbrum	Marissa	50	July 11, 1921	Braceville	1	Benton	October 12, 1971	9552
Ronald Szczebiewski	Tamora	28	May 27, 1943	Tamora	1	DuQuoin	October 12, 1971	9553
Fred H. Geisendorfer	Elkville	52	October 1, 1919	Hillsboro	19	DuQuoin	October 12, 1971	9554
David L. Broccalle	Tamora	3	February 3, 1950	DuQuoin	1	DuQuoin	October 12, 1971	9555
Joe E. Kosma	DuQuoin	22	October 31, 1949	DuQuoin	1	DuQuoin	October 12, 1971	9556

James R. Hawkins	Sesser	April 18, 1940	Sesser	1	DuQuoin	October 12, 1971	9557
Gary D. Morgan	DuQuoin	October 23, 1942	DuQuoin	1	DuQuoin	October 12, 1971	9558
Leo Edward Weis	DuQuoin	October 11, 1945	DuQuoin	1	DuQuoin	October 12, 1971	9559
Paul Luttrell	Harrisburg	January 9, 1940	Danville	1	Eldorado	October 13, 1971	9560
Vincent P. Riggio	DuQuoin	Sept. 8, 1915	DuQuoin	1	Eldorado	October 13, 1971	9561
Sam I. Riggio	DuQuoin	October 17, 1918	DuQuoin	1	Eldorado	October 13, 1971	9562
James Portee	Carmi	April 19, 1918	Carrier Mills	1	Eldorado	October 13, 1971	9563
Jerry Tutkus	Herrin	August 6, 1932	Herrin	1	Marion	October 15, 1971	9564
Lota R. Kirkman	Herrin	Sept. 28, 1931	Marion	1	Marion	October 15, 1971	9565
Kenneth W. Blumenstock	Marion	Sept. 9, 1951	Marion	1	Marion	October 15, 1971	9566
Paul E. Crain	Marion	August 19, 1947	Carbondale	1	Marion	October 15, 1971	9567
Jimmie R. Hankins	Harrisburg	October 23, 1946	Harrisburg	1	Carrier Mills	October 15, 1971	9568
Kermit Smith	Tuscola	May 14, 1950	Christopher	1	Tuscola	November 3, 1971	9569
Donald Simpson	West Frankfort	Sept. 2, 1938	West Frankfort	1	W. Frankfort	Nov. 5, 1971	9570
Vernon Morris, III	West Frankfort	Sept. 30, 1948	Christopher	1	W. Frankfort	Nov. 5, 1971	9571
Gary Cook	Ina	December 20, 1942	Ina	1	Marion	Nov. 6, 1971	9572
Ronald Fleming	Johnston City	Sept. 1, 1940	Johnston City	1	Marion	Nov. 6, 1971	9573
John B. Collins	Mt. Vernon	April 22, 1940	Wheelwright, Ky.	2	Marion	Nov. 6, 1971	9574
Joseph T. Borga	Christopher	Nov. 22, 1938	Christopher	1	Benton	Nov. 8, 1971	9575
Earl L. Brannan	Princeton, Ind.	Nov. 17, 1947	Herrin	1	Benton	Nov. 8, 1971	9576
Bill Coomer	Mascoutah	Sept. 5, 1933	O'Fallon	24	Benton	Nov. 8, 1971	9577
Thomas Brown	West Frankfort	August 16, 1949	Chicago	1	Benton	Nov. 8, 1971	9578
Arthur G. Roach	Logan	Nov. 8, 1949	Christopher	1	Benton	Nov. 8, 1971	9579
James D. Britton	West Frankfort	March 4, 1947	Herrin	1	Benton	Nov. 8, 1971	9580
Lester Eugene Young	West Frankfort	July 24, 1932	Winslow, Ind.	2	DuQuoin	Nov. 9, 1971	9581
Darryl Rash	Marissa	August 22, 1928	Eldorado	1	DuQuoin	Nov. 9, 1971	9582
C. C. Crouser	Ridgeway	August 2, 1921	Eldorado	1	Eldorado	Nov. 10, 1971	9583
William Bantjes	Harrisburg	Sept. 1, 1939	Harrisburg	1	Eldorado	Nov. 10, 1971	9584
David Condit	Sesser	Sept. 16, 1913	Madisonville, Ky.	1	Christopher	Nov. 11, 1971	9585
Larry Hastings	West Frankfort	April 12, 1938	Christopher	2	Ziegler	Nov. 12, 1971	9586
Isaac Ramsay	West Frankfort	June 11, 1944	Hamilton, Scotland	2	Carrier Mills	Nov. 13, 1971	9587
Morris D. Teal	Springfield	October 25, 1937	Springfield	30	Carrier Mills	Nov. 13, 1971	9588
John D. Dunn	Springfield	December 25, 1920	Litchfield	1	Springfield	Dec. 6, 1971	9589
Marlin L. Gorman	Springfield	January 6, 1932	Litchfield	1	Springfield	Dec. 6, 1971	9590
Thomas Sullivan	Springfield	August 30, 1948	Girard	3	Springfield	Dec. 6, 1971	9591
Dale Hays	Girard	January 6, 1932	Brighton	1	Springfield	Dec. 6, 1971	9592
John Thornton	Medora	August 30, 1948	Tower Hill	1	Springfield	Dec. 6, 1971	9593
Keith Unger	Irving	December 4, 1924	Kincaid	20	Springfield	Dec. 6, 1971	9594
Dorice Graver	Litchville	Sept. 23, 1931	Springfield	1	Springfield	Dec. 6, 1971	9595
Edward L. Kuhar	Wagoner	February 11, 1940	Wagoner	1	Springfield	Dec. 6, 1971	9596
Thomas L. Arnold	Litchfield	December 31, 1922	Bonterra, Mo.	1	Springfield	Dec. 6, 1971	9597
Robert Morgan	Raymond	July 3, 1934	Mt. Olive	22	Springfield	Dec. 6, 1971	9598
Edward Henson	Litchfield	January 25, 1948	Pana	3	Springfield	Dec. 6, 1971	9599
John Osborn	Pana	May 2, 1925	Nason	1	Springfield	Dec. 6, 1971	9600
James R. Brown, Jr.	Benton	January 15, 1941	Benton	1	Springfield	Dec. 6, 1971	9601
Thomas G. Myers	Benton	June 23, 1941	Sullivan, Ind.	2	Springfield	Dec. 6, 1971	9602
Richard A. Canada	Pittsburg	November 25, 1913	Buncombe	19	Springfield	Dec. 6, 1971	9603
Jesse William Minks	Viriden		Viriden		Springfield	Dec. 6, 1971	9604
David Ray Verble					Springfield	Dec. 6, 1971	9605
Joseph L. Hasara					Springfield	Dec. 6, 1971	9606
					Springfield	Dec. 6, 1971	9607



## CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Bruce W. Workman	New Berlin	22	June 30, 1949	Springfield	1	Springfield	Dec. 6, 1971	9508
William Kail	Thayer	38	June 18, 1933	Carlinville	6	Springfield	Dec. 6, 1971	9509
David K. Miller	Chatham	24	February 9, 1947	Springfield	1	Springfield	Dec. 6, 1971	9510
Alfred A. Stauffer	Grand	52	October 25, 1919	Grand	1	Springfield	Dec. 6, 1971	9511
Charles W. Crump	Grand	22	Dec. 30, 1948	Elmhurst	1	Springfield	Dec. 6, 1971	9512
Learner F. Corn	Litchfield	49	November 12, 1922	Salem, Ky.	2	Springfield	Dec. 6, 1971	9513
Jerry Knight	Witt	28	November 21, 1943	Salem, Ky.	1	Springfield	Dec. 6, 1971	9514
Joseph Stuart Traynor	Taylorville	25	March 27, 1946	St. Louis, Mo.	1	Springfield	Dec. 6, 1971	9515
Gordon D. Booker	Taylorville	28	February 20, 1943	Newton	1	Springfield	Dec. 6, 1971	9516
Joe M. Armstrong, Jr.	Taylorville	40	November 1, 1931	Taylorville	16	Taylorville	Dec. 7, 1971	9517
Robert J. Tex	Taylorville	28	January 11, 1943	Taylorville	1	Taylorville	Dec. 7, 1971	9518
Cletis Huddleston	Morrisville	45	November 28, 1926	Byrdstown, Tenn.	7	Taylorville	Dec. 7, 1971	9519
Charles Rhine	Raymond	26	March 30, 1945	Hillsboro	1	Taylorville	Dec. 7, 1971	9520
Vern Oller	Morrisville	45	February 14, 1926	Litchfield	1	Taylorville	Dec. 7, 1971	9521
Richard A. Kennedy	Taylorville	21	August 29, 1950	Hillsboro	1	Taylorville	Dec. 7, 1971	9522
Delmer W. Oats, Jr.	Taylorville	25	April 3, 1946	Taylorville	1	Taylorville	Dec. 7, 1971	9523
Eugene V. Anderson	Taylorville	24	November 20, 1947	Taylorville	2	Taylorville	Dec. 7, 1971	9524
Harry S. Summers	Bulpitt	35	February 10, 1936	Taylorville	1	Taylorville	Dec. 7, 1971	9525
Peter R. Julius	Tovey	23	August 5, 1948	Springfield	1	Taylorville	Dec. 7, 1971	9526
Dave Schwandner	Staunton	27	December 3, 1944	Staunton	1	Taylorville	Dec. 7, 1971	9527
John McMillen	Carlinville	24	February 19, 1947	Alton	1	Taylorville	Dec. 7, 1971	9528
Harris L. Nichols	Langleville	40	October 2, 1931	Bulpitt	1	Taylorville	Dec. 7, 1971	9529
Charles E. Wicker	Taylorville	24	December 20, 1946	Taylorville	1	Taylorville	Dec. 7, 1971	9530
Donald E. Pinkston	Fairbanks, Ind.	20	April 25, 1951	Sullivan, Ind.	2	Taylorville	Dec. 7, 1971	9531
Larry E. Wilson	Taylorville	22	December 17, 1948	Taylorville	1	Taylorville	Dec. 7, 1971	9532
Gerard Horiczlaw	Witten	32	July 31, 1934	Alton	1	Taylorville	Dec. 7, 1971	9533
Gary D. Horiczlaw	Witten	27	April 16, 1944	Hillsboro	1	Taylorville	Dec. 7, 1971	9534
Wayne Edward Gisk	Dikronn	20	May 29, 1951	Springfield	1	Taylorville	Dec. 7, 1971	9535
James L. Isaacs	Kincaid	22	June 29, 1949	Springfield	1	Taylorville	Dec. 7, 1971	9536
David H. Shoraga	Witt	24	November 15, 1947	Springfield	1	Taylorville	Dec. 7, 1971	9537
Stanley J. Morris	Taylorville	23	October 3, 1948	Litchfield	1	Taylorville	Dec. 7, 1971	9538
Gary L. Alberts	Taylorville	27	October 20, 1944	Taylorville	1	Taylorville	Dec. 7, 1971	9539
Richard Pounds	Taylorville	26	October 30, 1945	Taylorville	2	Taylorville	Dec. 7, 1971	9540
Victor Smith	Morrisville	39	January 30, 1932	Edinburg	1	Taylorville	Dec. 7, 1971	9541
Carl Spoor	Virden	28	August 11, 1943	Springfield	4	Petersburg	Dec. 8, 1971	9542
Anthony E. Katcher	Pawnee	55	December 11, 1916	Kincaid	17	Petersburg	Dec. 8, 1971	9543
Mark Bryce	Irving	24	May 15, 1947	Hillsboro	1	Virden	Dec. 9, 1971	9544
Lee Sims	Virden	51	May 7, 1920	Louisville, Ky.	8	Virden	Dec. 9, 1971	9545
Michael J. Aden	Carlinville	25	August 21, 1946	Taylorville	1	Virden	Dec. 9, 1971	9546
Kenneth Settles	Gillespie	27	November 23, 1944	Austin, Texas	1	Virden	Dec. 9, 1971	9547
David G. Taylor	Litchfield	24	May 1, 1947	Decatur	1	Virden	Dec. 9, 1971	9548

Jerald L. Burnett	South Standard	27	Sept. 16, 1944	Carlville	1	Virden	9649
Robert E. Towell	Sorento	30	November 16, 1941	LaGrange	1	Virden	9650
James J. Fisor	Litchfield	33	January 10, 1938	Litchfield	1	Virden	9651
Russell A. Hughes	Hillsboro	31	October 13, 1940	Hillsboro	1	Virden	9652
James Michael Wood	Gillespie	26	April 14, 1945	Redmond	1	Virden	9653
John Tomazic	Bulpet	32	May 30, 1939	Owaneco	1	Virden	9654
Darrell E. Barger	Gard	42	February 11, 1929	White Hall	1	Virden	9655
Daniel Puleit	Virden	26	Sept. 9, 1945	Alton	1	Virden	9656
Gary Scharfenberg	Virden	26	July 28, 1945	Springfield	1	Virden	9657
Jack V. Whalen	Virden	38	February 10, 1933	Virden	2	Virden	9658
Robert Matevey	Nokomis	29	May 13, 1942	Nokomis	1	Virden	9659
James M. Barnard	Moro	29	June 16, 1942	Litchfield	1	Virden	9660
John Parker	Gard	47	January 17, 1924	West Frankfort	26	Virden	9661
James B. Henshaw	Harrisburg	45	December 5, 1926	Carlo	1	Harrisburg	9662
Steven Stapleton	Harrison	28	January 31, 1943	Harrisburg	1	Harrisburg	9663
Terry W. Perkins	Harrisburg	25	October 20, 1946	Herrin	1	Harrisburg	9664
Doyle M. Taborn	Carrier Mills	31	October 14, 1946	Carrier Mills	1	Harrisburg	9665
Hershel H. Dillingham	Tilden	25	October 11, 1940	Nortonville, Ky.	4	Harrisburg	9666
Ronald Jarvel	Galatia	53	January 5, 1948	Galatia	1	Harrisburg	9667
Richard Bayer	Equality	51	November 6, 1947	Idorado	1	Harrisburg	9668
David Welch	Harrisville	54	Sept. 21, 1946	Herrin	1	Harrisburg	9669
Joyce Lee Martin	Hillsboro	54	July 28, 1946	Carrier Mills	1	Herrin	9670
Steve C. Brandon	Herrin	54	August 1, 1947	Herrin	1	Herrin	9671
Steve L. Jones	Mascouah	19	October 2, 1952	Herrin	1	Herrin	9672
Elbert L. Long	Herrin	45	October 24, 1925	Herrin	1	Herrin	9673
Randy Spemake	Mulketown	20	August 30, 1951	Herrin	1	Herrin	9674
James W. Gossett	Benton	25	November 15, 1946	DuQuoin	1	Herrin	9675
Charles E. Cockrum	Johnston City	22	July 12, 1949	Benton	1	Herrin	9676
James Whitecotton	Freeburg	33	August 4, 1938	Sterrick	1	Herrin	9677
Michael E. Leahr	Carrier Mills	29	June 28, 1942	Pittsfield	1	Herrin	9678
Louie A. Roberts	Gillespie	33	May 26, 1938	Whitley City, Ky.	1	Herrin	9679
John Ronald	Valer	49	January 3, 1950	Gillespie	10	Herrin	9680
Charles L. Issler	Benton	21	Sept. 3, 1914	Christopher	1	Benton	9681
Michael Pekas	West Frankfort	57	August 25, 1938	West Frankfort	15	Benton	9682
Robert Nolen	Benton	51	June 26, 1920	Benton	1	Benton	9683
Ezra Wilkerson	Mt. Vernon	51	May 21, 1948	Benton	4	Benton	9684
Rich Spiller	Sesser	23	November 19, 1947	Royalton	1	Benton	9685
Robert Cockrum	Valer	24	December 22, 1942	Sesser	1	Benton	9686
Clarence E. Gulley	Jasonville, Ind.	58	April 21, 1921	West Frankfort	1	Benton	9687
Junior T. Price	Benton	20	February 23, 1948	Herrin	7	Benton	9688
Randall D. Magdich	Mulketown	22	February 4, 1949	Christopher	1	Benton	9689
Larry D. McGhee	Scheller	23	May 14, 1940	Scheller	1	Benton	9690
Kenneth Van Hoorbeke	McLeansboro	31	April 19, 1945	Hamilton County	1	Benton	9691
Richard Mansell	Benton	26	May 4, 1928	Franklin County	2	Benton	9692
James T. Williams	Benton	43	May 20, 1946	Charlestown, Ind.	1	Benton	9693
Randall Peaugh	West Frankfort	21	December 13, 1945	Christopher	2	Benton	9694
Dennis Clark	Christopher	26	June 29, 1942	Pinkneyville	1	Benton	9695
James Wynn	Benton	29	Sept. 3, 1941	West Frankfort	5	Benton	9696
Ferry Cook	Benton	29	February 24, 1951	Tamaroa	1	Benton	9697
Don E. Moore	Benton	20		Harrisburg	1	Benton	9698
Edward Corn	Benton	20			1	Benton	9700

CERTIFICATES ILLUSED BY MINERS' EXAMINING BOARD—FIRST CLASS—1971—Concluded

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Larry B. Odom	Benton	28	March 7, 1943	Benton	1	Benton	Dec. 13, 1971	9701
Bruce Harris	Thompsonville	22	February 10, 1949	Christopher	1	Benton	Dec. 13, 1971	9702
Michael Lynch	Buckner	25	November 3, 1946	Benton	1	Benton	Dec. 13, 1971	9703
Dwight Butler	West Frankfort	30	Sept. 8, 1941	West Frankfort	1	Benton	Dec. 13, 1971	9704
Douglas Pete Schram	West Frankfort	24	March 26, 1947	Benton	1	Benton	Dec. 13, 1971	9705
David Minor	Waltonville	24	April 3, 1947	Benton	1	Benton	Dec. 13, 1971	9706
William Prudent, Jr.	Zeigler	21	August 6, 1950	Mt. Vernon	2	DuQuoin	Dec. 14, 1971	9707
Ralph Jenkins	Mt. Vernon	43	December 8, 1928	Christopher	1	DuQuoin	Dec. 14, 1971	9708
J.B. Degenhardt	Oakdale	29	Sept. 13, 1942	Dahlgren	1	DuQuoin	Dec. 14, 1971	9709
Niland Baxter White	Bethalto	46	October 19, 1925	Pinckneyville	1	DuQuoin	Dec. 14, 1971	9710
Jack E. Pickett	Belleville	29	July 21, 1942	Hillsboro	4	DuQuoin	Dec. 14, 1971	9711
Fred L. Risley	Coulterville	24	February 12, 1947	Bham, Ala.	5	DuQuoin	Dec. 14, 1971	9712
Woodrow J. Rhodes, Jr.	Baldwin	22	May 11, 1949	Red Bud	1	DuQuoin	Dec. 14, 1971	9713
Byford Redeberger	DuQuoin	23	May 7, 1948	DuQuoin	1	DuQuoin	Dec. 14, 1971	9714
J.A. Cockran	Percy	24	June 23, 1947	Murphysboro	1	DuQuoin	Dec. 14, 1971	9715
Jimmie L. Beaman	Mascoutah	23	Sept. 6, 1948	Knoxville	5	DuQuoin	Dec. 14, 1971	9716
Paul W. Dismuke	Sparta	40	May 22, 1931	Jackson, Tenn.	1	DuQuoin	Dec. 14, 1971	9717
William Blackman	Harrisburg	33	June 20, 1938	Stonelort	1	DuQuoin	Dec. 15, 1971	9718
Mackie Richey	Marion	35	June 18, 1941	Pittsburg	1	Eldorado	Dec. 15, 1971	9719
Charles E. Jones	Galatia	30	November 13, 1936	Galatia	1	Eldorado	Dec. 15, 1971	9720
S.E. Abbott	Shawneetown	27	July 29, 1941	Nortonville, Ky.	1	Eldorado	Dec. 15, 1971	9721
Donald Reclor	Mt. Vernon	30	Sept. 16, 1944	Mt. Vernon	1	Sesser	Dec. 16, 1971	9722
Paul Genisio	Sesser	23	May 9, 1948	Carbondale	3	Sesser	Dec. 16, 1971	9723
James E. Wright	Valter	26	December 23, 1934	Valter	1	Sesser	Dec. 16, 1971	9724
William M. Mitchell	Benton	19	May 1, 1951	Christopher	1	Sesser	Dec. 16, 1971	9725
Richard M. Wright	Pinckneyville	20	July 26, 1952	DuQuoin	1	Sesser	Dec. 16, 1971	9726
H.C. Sullivan	West Frankfort	25	July 8, 1929	Thompsonville	1	Sesser	Dec. 16, 1971	9727
Dave Wells	Rollston	43	July 8, 1929	Rollston	1	Sesser	Dec. 16, 1971	9728
Mike McLaren	West Frankfort	26	August 15, 1951	Berrin	1	Sesser	Dec. 16, 1971	9729
Steve Kerley	West Frankfort	32	May 17, 1948	Benton	1	Sesser	Dec. 16, 1971	9730
Donald Stowers	Zeigler	32	May 10, 1939	DuQuoin	1	Sesser	Dec. 16, 1971	9731
James Hawkins	Mt. Vernon	44	September 5, 1927	Vermilion County	1	Sesser	Dec. 16, 1971	9732
Larry G. Goss	West Frankfort	26	July 28, 1945	McLansboro	1	Sesser	Dec. 16, 1971	9733
Billy J. Bulter	West Frankfort	37	Sept. 17, 1934	West Frankfort	10	Sesser	Dec. 16, 1971	9734
Rickie Hayes	Mt. Vernon	25	April 8, 1946	Mt. Vernon	2	Sesser	Dec. 16, 1971	9735
James Benns	Benton	23	June 11, 1948	Benton	2	Sesser	Dec. 16, 1971	9736
Rick Benedict	Sesser	19	August 25, 1952	DuQuoin	1	Sesser	Dec. 16, 1971	9737
Jerry Johnston	Sesser	29	June 11, 1942	West Frankfort	1	Sesser	Dec. 16, 1971	9738
Jim LeVault	Sesser	33	July 14, 1938	Valter	1	Sesser	Dec. 16, 1971	9739
Thomas McCowen	Waltonville	27	August 30, 1944	Waltonville	1	Sesser	Dec. 16, 1971	9740
Michael Maynor	DuQuoin	22	February 26, 1949	Murphysboro	1	Marion	Dec. 17, 1971	9741



William R. Swindle	Herrin	24	January 1, 1947	Decatur	1	Marion	Dec. 17, 1971	9742
David Hilton	Marion	25	May 10, 1946	Stonefort	1	Marion	Dec. 17, 1971	9743
James W. Starnes	Marion	23	January 15, 1948	Harrisburg	1	Marion	Dec. 17, 1971	9744
John Davis	Herrin	23	October 15, 1948	Herrin	1	Marion	Dec. 17, 1971	9745
Donn Shearburn	Farmersville	31	February 8, 1940	Chatham	1	Marion	Dec. 17, 1971	9746
R.M. Wilson	Farmersville	49	December 19, 1922	Sicily	1	Marion	Dec. 17, 1971	9747
Philip L. Jones	Terre Haute, Ind.	35	March 3, 1935	Detroit, Mich.	14	Carrier Mills	Dec. 18, 1971	9748
Theron E. Walker	Freeburg	38	August 28, 1933	Boothton, Ala.	20	Carrier Mills	Dec. 18, 1971	9749
James C. Benson	Belleville	55	November 17, 1916	Empire, Ala.	31	Carrier Mills	Dec. 18, 1971	9750
Gary M. Smith	Grard	24	November 15, 1947	Carlinville	1	Carrier Mills	Dec. 18, 1971	9751
James G. Hensley	Ridgway	54	November 22, 1917	Roda, Va.	25	Carrier Mills	Dec. 18, 1971	9752
Harold Hooten	New Athens	40	July 13, 1931	Harrisburg	1	Carrier Mills	Dec. 18, 1971	9753
#9754 VOIDED								9754
Harvey D. Lash	Kincaid	26	February 24, 1945	Auburn	1	Carrier Mills	Dec. 18, 1971	9755

## SUMMARY OF ACTIVITIES OF MINE RESCUE STATIONS

	Benton	DuQuoin	Eldorado	Springfield	Total
Number of persons trained on 100% First Aid Program . . . . .	158	22	102	935	1,217
Candidates for additional Training Certificates . . . . .					
Number of men trained as First Aid Instructors or Key Men . . . . .	3		2		5
Number of plants, schools, mines, etc., given 100% training . . . . .	6		6	2	7
Number of men given complete Mine Rescue Training . . . . .		2			16
Number of men given modified Mine Rescue Course . . . . .	152	1	30	150	333
Number of calls to mines on emergencies . . . . .	4				4
Number of miscellaneous calls other than mines . . . . .			2		2

# REPORT OF METAL MINES OPERATIONS—FLUORSPAR, ZINC & LEAD—1971

NAME, LOCATION OF MINES, DEPTH OF SHAFT, USE OF PRODUCTS, METHOD OF HOISTING AND MINING

Name of operator	Location of Mine		Depth of shaft	Product used for—	Method of hoisting	Method of mining Hand, Machine or Both
	Post office	County				
Eagle-Picher Ind., Inc. "Bäutsch"	Galena	Jo Daviess	225'	Zinc & Lead Concentrates	Incline	Machine
Eagle-Picher Ind., Inc. "Black Jack"	Galena	Jo Daviess	225'	Zinc & Lead Concentrates	Incline	Machine
Eagle-Picher Ind., Inc. "Gray"	Galena	Jo Daviess	225'	Zinc & Lead Concentrates	Incline	Machine
Minerva Oil Co. Deardorff & N. Victory #4	Elizabethtown	Hardin	100'	Zinc & Lead Concentrates	Incline	Machine
Minerva Oil Co. Jefferson & Fairbairn	Elizabethtown	Pope	460'	Zinc & Lead Concentrates	Incline	Machine
Minerva Oil Co. #1	Cave-In-Rock	Hardin	645'	Zinc & Lead Concentrates	Incline	Machine
Minerva Oil Co. Gaskins	Herod	Hardin	520'	Zinc & Lead Concentrates	Incline	Machine
Ozark-Mahoning Co.	Rosiclare	Hardin	150'-800'	Mill Feed for Concentrate	Electric	Machine

## METAL MINES OPERATIONS—FLUORSPAR, LEAD & ZINC—1971

Name of operator	Production in tons Fluorspar	Number employed	Days worked	Lead and zinc	Explosives used— dynamite, pounds	Accidents		Tons shipped to points in		
						Fatal	Non-fatal	Illinois	Other states	Foreign countries
Eagle-Picher Industries, Inc. Bautsch		10	254	96,418	* 9,750			3	96,418	
Eagle-Picher Industries, Inc. Black Jack		5	105	30,996	54,800 * 4,650				30,996	
Eagle-Picher Industries, Inc. Gray		6	254	97,113	16,950 * 30,075 76,600				97,113	
Minerva Oil Company										
Deardorff & N. Victory #4	19,566	14	129		34,100			2	19,566	
Minerva Oil Company Jefferson-Fairburn	4,186	10	122		3,150				3,150	
Minerva Oil Co. #1	166,334	106	270		* 147,500			9	166,334	
					161,800					
Minerva Oil Co., "Gaskins"	51,166	39	290		133,950			10	51,166	
Ozark-Mahoning Co.	334,578	167	357		* 335,550 177,000		7	13	334,578	

\* Ammonium Nitrate

### STATE MINING BOARD CERTIFICATES ISSUED FOR STATE MINE INSPECTORS—1971

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Bailey, Burnett J. ....	Marion .....	Williamson	51	Illinois .....	April 26, 27, 71	526
Dawe, Charles Myron .....	Valier .....	Franklin	51	Illinois .....	April 26, 27, 1971	527
Gibson, Joe S. ....	Benton .....	Franklin	52	Illinois .....	April 26, 27, 1971	528
Gladson, Joe .....	Benton .....	Franklin	50	Illinois .....	April 26, 27, 1971	529
Hagston, Gene Cecil .....	DuQuoin .....	Perry	43	Illinois .....	April 26, 27, 1971	530
Johnson, Alexander .....	Zeigler .....	Franklin	49	Illinois .....	April 26, 27, 1971	531
Pate, Robert L. ....	Carrier Mills .....	Saline	40	Illinois .....	April 26, 27, 1971	532
Puccetti, Joseph .....	Taylorville .....	Christian	40	Illinois .....	April 26, 27, 1971	533
Rich, Byrd L. ....	West Frankfort .....	Franklin	39	Illinois .....	April 26, 27, 1971	534
Roberson, Lloyd H. ....	Sesser .....	Franklin	50	Illinois .....	April 26, 27, 1971	535
Williams, Joseph T. ....	West Frankfort .....	Franklin	25	Illinois .....	Oct 26, 27, 1971	536

### STATE MINING BOARD CERTIFICATES FOR MINE RESCUE STATION SUPERVISOR—1971

Name	Post Office	County	Age	Birthplace	Date of examination	
Brunton, Max .....	West Frankfort .....	Franklin	55	Illinois .....	April 26, 1971	
Bates, Harry T. ....	Sesser .....	Franklin	51	Illinois .....	October 26, 1971	
English, Louis V. ....	Elizabethtown .....	Hardin	50	Illinois .....	October 26, 1971	

### STATE MINING BOARD CERTIFICATES ISSUED FOR MINE RESCUE STATION ASSISTANT—1971

Name	Post office	County	Age	Birthplace	Date of examination	
Bates, Harry Theodore .....	Sesser .....	Franklin	50	Illinois .....	April 26, 71	

### STATE MINING BOARD CERTIFICATES ISSUED FOR MINE MANAGERS—FIRST CLASS—1971

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Alaria, John .....	Kincaid .....	Christian	40	Illinois .....	April 26, 71	4395
Bilyeu, Richard A. ....	Owaneco .....	Christian	30	Canada .....	April 26, 71	4396
Bottino, Charles E. ....	Marissa .....	St. Clair	49	Missouri .....	April 26, 71	4397
Castleman, Floyd N. ....	West Frankfort .....	Franklin	39	Illinois .....	April 26, 71	4398
Cox, Ollie DeWayne .....	Mt. Vernon .....	Jefferson	43	Indiana .....	April 26, 71	4399
Dillman, Edward E. ....	Herrin .....	Williamson	47	Illinois .....	April 26, 71	4400

STATE MINING BOARD CERTIFICATES ISSUED FOR  
MINE MANAGERS—FIRST CLASS—1971—Continued

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Brandon, Virgil R.	Cambria	William.	45	Illinois	April 26, 71	4401
Bryant, Benny Joe	Shawneetown	Gallatin	28	Illinois	April 26, 71	4402
Bullock, Billy Wayne	Christopher	Franklin	28	Illinois	April 26, 71	4403
Dehnbostel, Robert A.	Christopher	Franklin	45	Illinois	April 26, 71	4404
Edwards, Vernon Lee	Carrier Mills	Saline	35	Missouri	April 26, 71	4405
Evrard, Joene	West Frankfort	Franklin	40	Illinois	April 26, 71	4406
Flynn, Ronald F.	Taylorville	Christian	32	Michigan	April 26, 71	4407
Greathouse, Gary D.	Zeigler	Franklin	31	Illinois	April 26, 71	4408
Green, James T.	Herrin	William.	55	Illinois	April 26, 71	4409
Griffiths, Paul D.	Marion	William.	47	Oklahoma	April 26, 71	4410
Hilliard, James E.	Marion	William.	39	Illinois	April 26, 71	4411
Hinckle, Laverne	Marion	William.	48	Illinois	April 26, 71	4412
Howerton, Robert W.	Mascoutah	St. Clair	47	Illinois	April 26, 71	4413
Hutchens, Kenneth H.	Benton	Franklin	30	Illinois	April 26, 71	4414
Hutson, Frederick D.	Carrier Mills	Saline	26	Illinois	April 26, 71	4415
Jones, William James	Litchfield	Montgomery	49	Indiana	April 26, 71	4416
Kelley, John	Coulterville	Randolph	50	Illinois	April 26, 71	4417
Knowles, Johnnie L.	Carrier Mills	Saline	25	Illinois	April 26, 71	4418
Koonce, Harry	West Frankfort	Franklin	46	Illinois	April 26, 71	4419
Lewis, John T.	Benton	Franklin	51	Illinois	April 26, 71	4420
Melvin, Jesse Byrd	West Frankfort	Franklin	42	Illinois	April 26, 71	4421
Odle, Harold E.	West Frankfort	Franklin	38	Illinois	April 26, 71	4422
Parrish, Willard L.	Springfield	Sangamon	53	Illinois	April 26, 71	4423
Reed, Carl M.	Johnston City	William.	31	Illinois	April 26, 71	4424
Rogers, Roland M.	Johnston City	William.	29	Illinois	April 26, 71	4425
Smith, Charles R.	Benton	Franklin	34	Illinois	April 26, 71	4426
Spencer, Harry	Coffee	Montgomery	47	Illinois	April 26, 71	4427
Stephenson, Charles	Marion	William.	25	Illinois	April 26, 71	4428
Tracey, Thomas	Taylorville	Christian	38	Maryland	April 26, 71	4429
Whitecotton, Don G.	Herrin	William.	54	Illinois	April 26, 71	4430
Williams, David J.	Benton	Franklin	48	Illinois	April 26, 71	4431
Williams, Joseph T.	West Frankfort	Franklin	46	Illinois	April 26, 71	4432
Bowsher, William H.	Pawnee	Sangamon	36	Illinois	October 27, 1971	4433
Brayfield, John R.	Christopher	Franklin	39	Illinois	October 27, 71	4434
Burns, Edward H.	Addieville	Washington	61	Illinois	October 27, 71	4435
Calloni, John J.	Christopher	Franklin	50	Illinois	October 27, 71	4436
Collingsworth, Charles	Shawneetown	Gallatin	36	Kentucky	October 27, 71	4437
Collingsworth, Jack	Shawneetown	Gallatin	34	Kentucky	October 27, 71	4438
Conner, Lonnie D.	Logan	Franklin	33	Illinois	October 27, 71	4439
Cook, Wallace	Christopher	Franklin	49	Illinois	October 27, 71	4440
Curry, Loren Ray	Johnston City	Williamson	28	Illinois	October 27, 71	4441
Delaval, Edgar A.	Mulkeytown	Franklin	33	Illinois	October 27, 71	4442
Dixon, Charles R.	Junction	Gallatin	32	Illinois	October 27, 71	4443
Dunnigan, Bernard	Colp	Williamson	37	Illinois	October 27, 71	4444
VOIDED 2/1/72						4445
BY MINING BOARD.						
Gholson, William D.	Harrisburg	Saline	35	Illinois	October 27, 71	4446
Gilpin, Gerry A.	Taylorville	Christian	29	Illinois	October 27, 71	4447
Hazel, George E.	Johnston City	Williamson	50	Missouri	October 27, 71	4448
Kershaw, Thomas	Hillsboro	Montgomery	30	Illinois	October 27, 71	4450
Littlefair, Robert Jr.	Christopher	Franklin	24	Illinois	October 27, 71	4451
Dodig, Paul Eudell	Sesser	Franklin	43	Illinois	October 27, 71	4452
Marietta, Glenn A.	Mt. Olive	Macoupin	47	Illinois	October 27, 71	4453
Montgomery, Robert	Hillsboro	Montgomery	24	Illinois	October 27, 71	4454
Newborn, Robert B.	DuQuoin	Perry	46	Illinois	October 27, 71	4455
Page, Farrell D.	Sesser	Franklin	36	Illinois	October 27, 71	4456
Parker, John A.	W. Terre Haute	Vigo, IN.	46	Indiana	October 27, 71	4457
Pierce, Ray Dean	Herrin	Williamson	32	Illinois	October 27, 71	4458
Pioveson, Frank	Benton	Franklin	53	Texas	October 27, 71	4459
Ragland, Jimmie D.	New Athens	St. Clair	29	Illinois	October 27, 71	4460
Raney, Stanley N.	Coulterville	Randolph	53	Illinois	October 27, 71	4461
Schramke, James T.	Mascoutah	St. Clair	40	Illinois	October 27, 71	4462
Smith, Glenn N.	Pittsburg	Williamson	57	Missouri	October 27, 71	4463
Stunson, James R.	Harrisburg	Saline	55	Illinois	October 27, 71	4464
Striegel, Vernon E.	Staunton	Macoupin	45	Illinois	October 27, 71	4465
Sutherland, Billy R.	Carlinville	Macoupin	27	Virginia	October 27, 71	4466
Tamborini, Pete O. Jr.	Ramsey	Fayette	49	Indiana	October 27, 71	4467
Vercoglio, John W.	Benld	Macoupin	30	Illinois	October 27, 71	4468
Vinson, Vernon G.	Galatia	Saline	42	Illinois	October 27, 71	4469
Wall, Billy K.	West Frankfort	Franklin	36	Illinois	October 27, 71	4470
Wiggins, Connie R.	Pawnee	Sangamon	31	Illinois	October 27, 71	4471

# STATE MINING BOARD CERTIFICATES ISSUED FOR MINE EXAMINERS—1971

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Atchison, Donald D.	Sesser	Franklin	40	Illinois	April 26, 1971	5523
Beckham, Charles D.	Waltonville	Jefferson	36	Illinois	April 26, 1971	5524
Beierman, Stephen E.	Pawnee	Sangamon	30	Illinois	April 26, 1971	5525
Bicanich, Jackie A.	Bonnie	Jefferson	26	Illinois	April 26, 1971	5526
Black, William Fred	Norris City	Gallatin	43	Illinois	April 26, 1971	5527
Bochantin, Daniel M.	Scheller	Jefferson	23	Illinois	April 26, 1971	5528
Bradley, Willard F.	Sesser	Franklin	29	Illinois	April 26, 1971	5529
Brandon, Gary Delbert	Herrin	Williamson	28	Illinois	April 26, 1971	5530
Brayfield, John Robert	Christopher	Franklin	39	Illinois	April 26, 1971	5531
Burns, Edward H.	Addieville	Washington	60	Illinois	April 26, 1971	5532
Calloni, Thomas N.	Buckner	Franklin	31	Illinois	April 26, 1971	5533
Caney, Ralph N.	Herrin	Williamson	31	Illinois	April 26, 1971	5534
Carroll, Thomas W.	Springfield	Sangamon	58	Illinois	April 26, 1971	5535
Chalacoff, Gary	Tovey	Christian	31	Illinois	April 26, 1971	5536
Chaney, Carl D.	Benton	Franklin	48	Illinois	April 26, 1971	5537
Clark, James P.	Cartersville	Williamson	35	Illinois	April 26, 1971	5538
Craig, Floyd	Benton	Franklin	31	Illinois	April 26, 1971	5539
Crisp, Donald	Benton	Franklin	42	Illinois	April 26, 1971	5540
Delaval, Edgar A.	Mulkeytown	Franklin	33	Illinois	April 26, 1971	5541
Eubanks, Arthur W.	Marion	Williamson	49	Illinois	April 26, 1971	5542
Garst, Earl S.	Girard	Macoupin	37	Illinois	April 26, 1971	5543
Gilpin, Gerry A.	Taylorville	Christian	28	Illinois	April 26, 1971	5544
Grot, Bruce	Galatia	Saline	44	Illinois	April 26, 1971	5545
Hazel, George	Johnston City	Williamson	49	Missouri	April 26, 1971	5546
Jenkel, Dean E.	Pinckneyville	Perry	48	Illinois	April 26, 1971	5547
Karrick, Daniel D.	Carlinville	Macoupin	34	Illinois	April 26, 1971	5548
Kevie, Ronald W.	Taylorville	Christian	29	Illinois	April 26, 1971	5549
Kingston, Raphael E.	Harrisburg	Saline	56	Illinois	April 26, 1971	5550
Kunkel, Donald Ray	Tamaroa	Perry	25	Illinois	April 26, 1971	5551
Lange, David R.	Girard	Macoupin	26	Illinois	April 26, 1971	5552
Ley, Anton J. Jr.	Springfield	Sangamon	29	Illinois	April 26, 1971	5553
Littlefair, Robert Jr.	Christopher	Franklin	23	Illinois	April 26, 1971	5554
Lockard, Marvin G.	Taylorville	Christian	49	Illinois	April 26, 1971	5555
Messerle, Virgil	Gillespie	Macoupin	54	Illinois	April 26, 1971	5556
Minor, Lindell Ray	Benton	Franklin	30	Illinois	April 26, 1971	5557
Monolo, Arthur P.	Herrin	Williamson	48	Illinois	April 26, 1971	5558
Montgomery, Robert L.	Hillsboro	Montgomery	24	Illinois	April 26, 1971	5559
Morris, Randall	Sesser	Franklin	37	Illinois	April 26, 1971	5560
Parks, Leland A.	Taylorville	Christian	26	Illinois	April 26, 1971	5561
Pasqueno, Martin J.	Kincaid	Christian	37	Illinois	April 26, 1971	5562
Phillips, Leverne	Morrisonville	Christian	41	Illinois	April 26, 1971	5563
Pierce, William V.	Taylorville	Christian	29	Illinois	April 26, 1971	5564
Ragland, Jimmie D.	New Athens	St. Clair	29	Illinois	April 26, 1971	5565
Rainey, Lawrence E. Jr.	Coulterville	Randolph	27	Illinois	April 26, 1971	5566
Reed, Cletis Harold	Scheller	Jefferson	42	Illinois	April 26, 1971	5567
Rhodes, Darrell	Pawnee	Sangamon	31	Illinois	April 26, 1971	5568
Robertson, Robert Esty	Riverton	Sangamon	30	Illinois	April 26, 1971	5569
Russell, Kenneth P.	Cartersville	Williamson	56	Illinois	April 26, 1971	5570
Segers, Elmer J.	Creal Springs	Williamson	46	Illinois	April 26, 1971	5571
Shoemaker, Billy C.	Waltonville	Jefferson	47	Illinois	April 26, 1971	5572
Shubert, James C.	Johnston City	William	52	Indiana	April 26, 1971	5573
Sileven, Garry Dennis	West Frankfort	Franklin	23	Illinois	April 26, 1971	5574
Spann, Byrd L.	Christopher	Franklin	42	Illinois	April 26, 1971	5575
Spivey, James W.	Rosiclar	Hardin	27	Illinois	April 26, 1971	5576
Summers, Thomas E.	Mt. Vernon	Jefferson	46	Illinois	April 26, 1971	5577
Swisher, Charles E.	Christopher	Franklin	34	Illinois	April 26, 1971	5578
Tate, William H. Jr.	Sparta	Randolph	29	Illinois	April 26, 1971	5579
Thomas, John F.	Clinton, Ind.	Vermillion	32	Illinois	April 26, 1971	5580
Turner, Jerry Lee	Tovey	Christian	26	Illinois	April 26, 1971	5581
Tuttle, Tom F.	Harrisburg	Saline	29	Michigan	April 26, 1971	5582
Viecelli, Eugene P.	Johnston City	Williamson	24	Illinois	April 26, 1971	5583
Webb, William Barry	Sesser	Franklin	28	Illinois	April 26, 1971	5584
Weston, Lloyd D.	Zeigler	Franklin	36	Illinois	April 26, 1971	5585
Wiggins, Connie R.	Pawnee	Sangamon	30	Illinois	April 26, 1971	5586
Williams, John E.	Murphysboro	Jackson	32	Illinois	April 26, 1971	5587
Whitecotton, Terry	Herrin	William	33	Illinois	April 26, 1971	5588
Banks, David F.	Saline	Eldorado	43	Illinois	October 26, 71	5589
Bates, Elmer Lee	Sesser	Franklin	39	Illinois	October 26, 71	5590
Beechum, Don	Saline	Eldorado	29	Illinois	October 26, 71	5591
Bird, Leroy	Galatia	Saline	45	Illinois	October 26, 71	5592
Blumenstock, John L.	Marion	Williamson	28	Illinois	October 26, 71	5593

## MINE EXAMINERS—Concluded

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Boente, John B.	Virden	Macoupin	24	Illinois	October 26, 71	5594
Brown, Hugh	Staunton	Madison	49	Illinois	October 26, 71	5595
Brown, Robert	Medora	Macoupin	41	Illinois	October 26, 71	5596
Burch, Leeman E. Jr.	Hillsboro	Montgomery	27	Missouri	October 26, 71	5597
Burke, Phillip J. Jr.	Kincaid	Christian	27	Illinois	October 26, 71	5598
Burtie, John E.	Auburn	Sangamon	29	Illinois	October 26, 71	5599
Carriagan, Vincent R.	Gillespie	Macoupin	46	Illinois	October 26, 71	5600
Chamness, William L.	West Frankfort	Franklin	33	Illinois	October 26, 71	5601
Clark, Kenneth L.	Sesser	Franklin	37	Illinois	October 26, 71	5602
Cline, Calvin	Marion	Williamson	46	Illinois	October 26, 71	5603
Combs, Billy	Sawyer ville	Macoupin	49	Illinois	October 26, 71	5604
Darrough, Donald M.	Sesser	Franklin	31	Illinois	October 26, 71	5605
Davies, Lawrence	Gillespie	Macoupin	43	Illinois	October 26, 71	5606
DeMichiel, John J.	Langleyville	Christian	50	Illinois	October 26, 71	5607
Dye, Gail Dwain	Sesser	Franklin	23	Illinois	October 26, 71	5608
Essick, Noble R.	West Frankfort	Franklin	33	Illinois	October 26, 71	5609
Feira, John E.	Coello	Franklin	28	Illinois	October 26, 71	5610
Fisher, Cleudeth W.	Benton	Franklin	23	Illinois	October 26, 71	5611
Flanagan, George H.	Thompsonville	Franklin	40	Illinois	October 26, 71	5612
Franklin, Lowell W.	Shawneetown	Gallatin	40	Illinois	October 26, 71	5613
Gamble, Charles Robert	Johnston City	Williamson	31	Illinois	October 26, 71	5614
Govaia, Frederick E.	Hillsboro	Montgomery	30	Illinois	October 26, 71	5615
Grinnell, Jack R.	Marion	Williamson	32	Illinois	October 26, 71	5616
Harding, Claude M.	Harrisburg	Saline	39	Illinois	October 26, 71	5617
Hariss, Dexter	Royalton	Franklin	29	Illinois	October 26, 71	5618
Hatfield, William G.	Omaha	Gallatin	32	Illinois	October 26, 71	5619
Hawn, Donald E.	Marion	Williamson	46	Illinois	October 26, 71	5620
Hearn, Gary E.	Marion	Williamson	30	Illinois	October 26, 71	5621
Heflin, Charles W.	Galatia	Saline	33	Illinois	October 26, 71	5622
Hill, Robert Allen	Carrier Mills	Saline	27	Illinois	October 26, 71	5623
Hilliard, Jerald Lee	Marion	Williamson	31	Illinois	October 26, 71	5624
Holland, Robert G.	Hurst	Williamson	45	Illinois	October 26, 71	5625
Hosmer, Earl Thomas	Coffeen	Montgomery	28	Alabama	October 26, 71	5626
Hosmer, Dalton J.	Coffeen	Montgomery	56	Alabama	October 26, 71	5627
Hosmer, James D.	Coffeen	Montgomery	30	Alabama	October 26, 71	5628
Hunter, Frankie E.	Tamaroa	Perry	38	Illinois	October 26, 71	5629
James, John D.	Marion	Williamson	31	Illinois	October 26, 71	5630
Jones, Richard Earl	Girard	Macoupin	26	Illinois	October 26, 71	5631
Jones, William J. Jr.	Litchfield	Montgomery	23	Indiana	October 26, 71	5632
Koski, Julian L. Jr.	Gillespie	Macoupin	31	Illinois	October 26, 71	5633
Lanham, John M.	Edinburg	Christian	45	Illinois	October 26, 71	5634
Logsdon, Jack L.	West Frankfort	Franklin	29	Illinois	October 26, 71	5635
McLain, Michael J.	West Frankfort	Franklin	26	Illinois	October 26, 71	5636
McKenzie, James W.	Pana	Christian	46	Alabama	October 26, 71	5637
McPhail, Richard J.	West Frankfort	Franklin	30	Illinois	October 26, 71	5638
Mahan, Thomas E.	Harrisburg	Saline	27	Illinois	October 26, 71	5639
Medley, Harry Edward	Christopher	Franklin	31	Illinois	October 26, 71	5640
Mitchell, Guy	Harrisburg	Saline	24	Illinois	October 26, 71	5641
Morris, Harold D. Jr.	West Frankfort	Franklin	25	Illinois	October 26, 71	5642
Morris, Walter W.	Springfield	Sangamon	42	Illinois	October 26, 71	5643
Moulton, Carl Dean	Carrier Mills	Saline	35	Illinois	October 26, 71	5644
Nichols, Neal	Edinburg	Christian	40	Illinois	October 26, 71	5645
Reed, Harold G.	Benton	Franklin	41	Illinois	October 26, 71	5646
Richey, Danny Ross	Marion	Williamson	26	Illinois	October 26, 71	5647
Roach, Frankie	Thompsonville	Franklin	31	Illinois	October 26, 71	5648
Roberts, Bill	Pawnee	Sangamon	23	Illinois	October 26, 71	5649
Robinson, Aben	Benton	Franklin	50	Kentucky	October 26, 71	5650
Rowland, Steve S. Jr.	Christopher	Franklin	23	Illinois	October 26, 71	5651
Rusher, Kenneth R.	Springfield	Sangamon	48	Illinois	October 26, 71	5652
Sample, Danny C.	Sesser	Franklin	26	Illinois	October 26, 71	5653
Savka, George	Royalton	Franklin	37	Illinois	October 26, 71	5654
Scott, William E.	Fillmore	Montgomery	33	Illinois	October 26, 71	5655
Stewart, Virgil	Pittsburg	Williamson	44	Illinois	October 26, 71	5656
Stimac, Donald J.	Edinburg	Christian	30	Illinois	October 26, 71	5657
Stourton, George E.	Harrisburg	Saline	38	Missouri	October 26, 71	5658
Taylor, Kenneth L.	Benton	Franklin	37	Illinois	October 26, 71	5659
Teisa, Emil J.	Bend	Macoupin	23	Illinois	October 26, 71	5660
Trojack, George R.	Thayer	Sangamon	33	Illinois	October 26, 71	5661
Wagner, James J.	West Frankfort	Franklin	29	Illinois	October 26, 71	5662
White, David G.	Johnston City	Williamson	25	Illinois	October 26, 71	5663
Wilson, Clellie	Girard	Macoupin	45	Indiana	October 26, 71	5664
Wilson, John K.	Gillespie	Macoupin	47	Illinois	October 26, 71	5665
Underwood, Cornealius	Elkville	Macoupin	45	Illinois	October 26, 71	5666
Woods, James R.	Junction	Gallatin	34	Illinois	October 26, 71	5667
Woolsey, James M.	DuQuoin	Perry	38	Illinois	October 26, 71	5668
Furlow, Frederick R.	Marion	Williamson	26	Illinois	October 26, 71	5669



# STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRICAL HOISTING ENGINEER—1971

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Ball, Karl Ray	Girard	Macoupin	38	Illinois	April 26, 1971	1397
Best, Kenneth R.	Staunton	Macoupin	48	Illinois	April 26, 1971	1398
Brachear, Warren D.	Farmersville	Montgomery	33	Illinois	April 26, 1971	1399
Briley, Denzil W.	Benton	Franklin	53	Illinois	April 26, 1971	1400
Boutwell, Lawrence	Equality	Gallatin	75	Illinois	April 26, 1971	1401
Elmore, Robert H.	Girard	Montgomery	48	Illinois	April 26, 1971	1402
Evans, Robert G.	Harrisburg	Saline	33	Michigan	April 26, 1971	1403
Funkhouser, Lynn N.	Mt. Vernon	Jefferson	33	Illinois	April 26, 1971	1404
Goaring, John Robert	Marissa	St. Clair	48	Illinois	April 26, 1971	1405
Hammonds, Leroy	Mukkeytown	Franklin	34	Illinois	April 26, 1971	1406
Harper, Richard L.	Mascoutah	St. Clair	44	Illinois	April 26, 1971	1407
Harvel, George A.	Hillsboro	Montgomery	29	Illinois	April 26, 1971	1408
Johnson, Delzie	Mt. Vernon	Jefferson	48	Kentucky	April 26, 1971	1409
Lewis, Grady Gwen	Benton	Franklin	38	Illinois	April 26, 1971	1410
Little, Clyde O.	Mt. Vernon	Jefferson	47	Kentucky	April 26, 1971	1411
Little, Oliver Jr.	Mt. Vernon	Jefferson	46	Kentucky	April 26, 1971	1412
Manion, Clarence E.	West Frankfort	Franklin	49	Illinois	April 26, 1971	1413
Nelson, Jack	Coffeen	Montgomery	55	Illinois	April 26, 1971	1414
Pack, Ralph U.	Mt. Vernon	Jefferson	46	Kentucky	April 26, 1971	1415
Rowe, Landon C.	Mt. Vernon	Jefferson	44	Kentucky	April 26, 1971	1416
Tucker, Dempsey	Mascoutah	St. Clair	41	Illinois	April 26, 1971	1417
Ayscue, Hugh H.	Keensburg	Wabash	37	N. Carolina	October 27, 1971	1418
Barkley, Harry Lee	Coffeen	Montgomery	28	Tennessee	October 27, 1971	1419
Boyet, Clyde	Marion	Williamson	54	Illinois	October 27, 1971	1420
Braden, Denver C.	Virden	Macoupin	54	Illinois	October 27, 1971	1421
Dallas, William C.	Mt. Carmel	Macoupin	41	Illinois	October 27, 1971	1422
Daugherty, Earl Edwin	Carlinville	Macoupin	39	Illinois	October 27, 1971	1423
Dobbins, John E.	Johnston City	Williamson	34	Illinois	October 27, 1971	1424
Farr, David Fulton	Coffeen	Montgomery	33	Alabama	October 27, 1971	1425
Green, Lawrence T.	West Frankfort	Franklin	50	Ohio	October 27, 1971	1426
Green, Fredrick A.	Christopher	Franklin	52	Ohio	October 27, 1971	1427
Hays, Richard Paul	Thayer	Sangamon	26	Illinois	October 27, 1971	1428
Irvin, Marden E.	Buckner	Franklin	55	Illinois	October 27, 1971	1429
MacDonald, James E.	Christopher	Franklin	46	Illinois	October 27, 1971	1430
McKie, Thomas	West Frankfort	Franklin	50	Illinois	October 27, 1971	1431
Minor, Lindell R.	Benton	Franklin	30	Illinois	October 27, 1971	1432
Moore, Harry W.	Farmersville	Montgomery	43	Illinois	October 27, 1971	1433
Morse, Phillip D.	Harrisburg	Saline	33	Illinois	October 27, 1971	1434
Springhart, Kenneth	Marion	Williamson	49	Illinois	October 27, 1971	1435
Stallings, Troy Jr.	Johnston City	Williamson	44	Illinois	October 27, 1971	1436
Williams, David	Benton	Franklin	48	Illinois	October 27, 1971	1437
Webb, Howard J.	Mukkeytown	Franklin	59	California	October 27, 1971	1438
Willmore, Dwight	West Frankfort	Franklin	53	Illinois	October 27, 1971	1439

# STATE MINING BOARD CERTIFICATES ISSUED FOR STATE METAL MINE INSPECTOR—1971

Name	Post Office	County	Age	Birthplace	Date of examination	No. of Certificate
McReaken, Cyril D.	West Frankfort	Franklin	46	Illinois	April 26, 27	9



# STATE MINING BOARD CERTIFICATES ISSUED FOR METAL MINE FOREMAN—1971

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Austin, Gary D. ....	Elizabethtown .....	Hardin .....	36	Illinois .....	October 26, 1971	67
Ewell, Marlow .....	Harrisburg .....	Saline .....	43	Illinois .....	October 26, 1971	68
Hastie, Donald D. ....	Cave-In-Rock .....	Hardin .....	29	Illinois .....	October 26, 1971	69
Hastie, Robin .....	Elizabethtown .....	Hardin .....	61	Illinois .....	October 26, 1971	70
Hastie, Robert L. ....	Cave-In-Rock .....	Hardin .....	24	Illinois .....	October 26, 1971	71

# STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRICAL HOISTING ENGINEER, METAL—1971

Name	Post Office	County	Age	Birthplace	Date of examination	No. of Certificate
Baldwin, Arnold E. ....	Harrisburg .....	Saline .....	32	Illinois .....	April 26, 71	76
Clanton, Kenneth E. ....	Cave-In-Rock .....	Hardin .....	36	Illinois .....	April 26, 71	77
Dutton, Randall O. ....	Cave-In-Rock .....	Hardin .....	33	Illinois .....	October 26, 71	78
Schutt, John .....	Herod .....	Pope .....	29	Illinois .....	October 26, 71	79

## CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1971

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Smith & Wesson - Flocchi, Inc.	Alton	Madison	20,000	1001	\$15.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	30,000	1002	40.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	40,000	1003	40.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	40,000	1004	40.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	600	1005	15.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	15,000	1006	15.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	25,000	1007	40.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	30,000	1008	40.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	600	1009	15.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	7,000	1010	15.00			
Smith & Wesson - Flocchi, Inc.	Alton	Madison	20,000	1011	15.00			
Calcium Carbonate Company	Quincy	Adams				15,000	1012	15.00
Elmhurst Chicago Stone Company	Elmhurst	DuPage	1,000	1013	15.00			
Elmhurst Chicago Stone Company	Elmhurst	DuPage				5,000	1014	15.00
FS Services, Inc.	Collinsville	St. Clair	1,000	1015	15.00			
FS Services, Inc.	Collinsville	St. Clair				1,000	1016	15.00
Fenix & Scisson, Inc.	Morris	Grundy	5,000	1017	15.00			
Fenix & Scisson, Inc.	Morris	Grundy				6,000	1018	15.00
Forsyth-Energy, Inc., Energy Mines	Energy	Williamson	50,000	1019	40.00			
Forsyth-Energy, Inc., Energy Mines	Herrin	Williamson				5,000	1020	15.00
Elmer Larson, Inc.	Sycamore	Dekalb	20,000	1021	15.00			
Livingston Stone Company	Weston	Livingston	10,000	1023	15.00	2,000	1022	15.00
Livingston Stone Company	Weston	Livingston				2,000	1024	15.00
C.M. Lohr, Inc.	Godfrey	Madison	20,000	1025	15.00			
Michel Fertilizer Company	Alma	Marion				1,000	1026	15.00
Morton Chemical Company	Ringwood	McHenry	700	1029	15.00	25,000	1027	15.00
Morton Chemical Company	Ringwood	McHenry	50,000	1028	40.00			
Peabody Coal Company-Will Scarlet Mine	Stonelort	Williamson	5,000	1030	15.00			
Peabody Coal Company-Will Scarlet Mine	Stonelort	Williamson				5,000	1031	15.00
Princetonville Stone Company	Princetonville	Peoria	20,000	1032	15.00			
Princetonville Stone Company	Princetonville	Peoria				5,000	1033	15.00
Reliance Quarry, Inc.	Alton	Madison	19,800	1034	15.00			
Reliance Quarry, Inc.	Alton	Madison				100,000	1035	15.00
Trojan-U.S. Powder	Wolf Lake	Union	200,000	1036	50.00			
Trojan-U.S. Powder	Wolf Lake	Union	200,000	1037	\$50.00			
Trojan-U.S. Powder	Wolf Lake	Union	200,000	1038	50.00			
Trojan-U.S. Powder	Wolf Lake	Union	150,000	1039	50.00			
Trojan-U.S. Powder	Wolf Lake	Union	200,000	1040	50.00			
Trojan-U.S. Powder	Wolf Lake	Union	200,000	1041	50.00			

Truax-Traer Coal Company, Norris Mine	Fiatt	Fulton	60,000	1042	40.00	40,000	1043	15.00
Truax-Traer Coal Company, Norris Mine	Fiatt	Fulton			40.00			
American Cyanamid Company	Millstadt	St. Clair	25,000	1044	40.00			
American Cyanamid Company	Millstadt	St. Clair	30,000	1045	40.00			
American Cyanamid Company	Millstadt	St. Clair				50,000	1046	15.00
American Cyanamid Company	Millstadt	St. Clair				500,000	1047	15.00
Manteno Limestone Company	Manteno	Kankakee	20,000	1048	15.00			
Manteno Limestone Company	Manteno	Kankakee				25,000	1049	15.00
Mississippi Lime Company	Alton	Madison	40,000	1050	40.00			
Mississippi Lime Company	Alton	Madison	40,000	1051	40.00			
Mississippi Lime Company	Alton	Madison	20,000	1053	15.00	15,000	1052	15.00
Abingdon Rock Company	Abingdon	Knox				2,000	1054	15.00
USS Agri-Chemicals	Collinsville	St. Clair	1,500	1055	15.00			
USS Agri-Chemicals	Collinsville	St. Clair	3,000	1056	15.00			
Chester Quarry Company	Chester	Randolph	5,000	1057	15.00			
Chester Quarry Company	Chester	Randolph						
Illinois Quarry Company	Campbell Hill	Jackson	40,000	1059	40.00	10,000	1058	15.00
Illinois Quarry Company	Campbell Hill	Jackson				6,000	1060	15.00
Lacey & Bauer	Pearl	Pike	10,000	1061	15.00			
Long Rock Co. (Corporation)	Princetonville	Peoria	30,000	1063	40.00	5,000	1062	15.00
Long Rock Co. (Corporation)	Princetonville	Peoria				2,000	1064	15.00
Marblehead Lime Company	Quincy	Adams	2,000	1065	15.00			
Marblehead Lime Company	Quincy	Adams				7,500	1066	15.00
Pitts Quarry, Inc.	Radom	Washington	6,000	1067	15.00			
Pitts Quarry, Inc.	Radom	Washington				5,000	1068	15.00
Peabody Coal Co., Eagle Mines #2	Shawneetown	Gallatin	2,000	1069	15.00			
Peabody Coal Co., Eagle Mines #2	Shawneetown	Gallatin				2,000	1070	15.00
Pontiac Stone Company (1-35 Plant)	Pontiac	Livingston	35,000	1071	40.00	3,000	1072	15.00
Pontiac Stone Company (1-35 Plant)	Pontiac	Livingston						
Poston Brick & Concrete Products Company	Springfield	Sangamon	300	1073	\$15.00			
Poston Brick & Concrete Products Company	Springfield	Sangamon	100	1074	15.00			
Sahara Coal Company, Inc.	Harrisburg	Saline	20,000	1075	15.00			
Sahara Coal Company, Inc.	Harrisburg	Saline				50,000	1076	15.00
Sahara Coal Company, Inc.	Carrier Mills	Saline	20,000	1077	15.00			
Sahara Coal Company, Inc.	Carrier Mills	Saline				50,000	1078	15.00
Wagner Stone Company	Chenoa	Livingston	20,000	1079	15.00	2,000	1080	15.00
Wagner Stone Company	Chenoa	Livingston						
Big Ridge Coal Company	Harrisburg	Saline	10,000	1081	15.00	10,000	1082	15.00
Big Ridge Coal Company	Harrisburg	Saline						
Casper Stolle Quarry & Contracting Co.	East St. Louis	St. Clair	2,000	1083	15.00			
Casper Stolle Quarry & Contracting Co.	East St. Louis	St. Clair	20,000	1084	15.00			
Casper Stolle Quarry & Contracting Co.	East St. Louis	St. Clair				20,000	1085	15.00
Covington Stone Company	Covington	Washington	20,000	1086	15.00			
Covington Stone Company	Covington	Washington	5,000	1087	15.00			
East St. Louis Stone Company	Dupo	St. Clair	20,000	1088	15.00			
East St. Louis Stone Company	Dupo	St. Clair				10,000	1089	15.00
Eastern Services, Inc.	Carmi	White	1,000	1090	15.00			
Eureka Williams Company	Bloomington	McLean				50,000	1091	15.00
Hicks Stone Quarry	Ramsey	Fayette	20,000	1092	15.00			
Hicks Stone Quarry	Ramsey	Fayette				10,000	1093	15.00
Illinois Minerals Company	Elco	Alexander	4,000	1094	15.00			

## CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1971—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Illinois Minerals Company	Elco	Alexander	100	1096	15.00	6,000	1095	15.00
Inland Steel Company	Sesser	Jefferson						
Inland Steel Company	Sesser	Jefferson				100	1037	15.00
Lehigh Stone Corporation	Kankakee	Kankakee	50,000	1099	40.00	10,000	1098	15.00
Missouri Portland Cement Company	Cave-in-Rock	Hardin	45,000	1100	40.00			
Missouri Portland Cement Company	Cave-in-Rock	Hardin	30,000	1102	40.00	5,000	1101	15.00
Orton Quarry, Inc.	Hillview	Greene						
Orton Quarry, Inc.	Hillview	Greene	20,000	1104	15.00	5,000	1103	15.00
Peabody Coal Company	S. Wilmington	Will	60,000	1105	40.00			
Peabody Coal Company	S. Wilmington	Will	20,000	1107	15.00	25,000	1106	15.00
Peabody Coal Co. - Eagle Strip Mine	New Shawneetown	Gallatin	20,000	1108	15.00			
Peabody Coal Co. - Eagle Strip Mine	New Shawneetown	Gallatin				20,000	1109	15.00
Peabody Coal Company	Percy	Randolph	45,000	1110	\$40.00	50,000	1111	15.00
Southwestern Illinois Coal Corp.	Percy	Randolph	100,000	1112	40.00			
Southwestern Illinois Coal Corporation	Willisville	Perry				50,000	1113	15.00
Southwestern Illinois Coal Corp.	Willisville	Perry	20,000	1114	15.00			
Beilrose Silica Company	Ulica	LaSalle				5,000	1115	15.00
Beilrose Silica Company	Ulica	LaSalle	20,000	1116	15.00			
Rigsby & Barnard Quarry, Inc.	Cave-in-Rock	Hardin				20,000	1117	15.00
Rigsby & Barnard Quarry, Inc.	Cave-in-Rock	Hardin	100	1118	15.00			
Westclox, Division of General Time Corp.	Peru	LaSalle				150,000	1119	15.00
Westclox, Division of General Time Corp.	Peru	LaSalle				150,000	1120	15.00
Westclox, Division of General Time Corp.	Peru	LaSalle				150,000	1121	15.00
Westclox, Division of General Time Corp.	Peru	LaSalle				25,000	1122	15.00
Westclox, Division of General Time Corp.	Peru	LaSalle				50,000	1123	15.00
Westclox, Division of General Time Corp.	Peru	LaSalle	199	1124	15.00			
Westclox, Division of General Time Corp.	Peru	LaSalle	199	1125	15.00			
Westclox, Division of General Time Corp.	Peru	LaSalle	199	1126	15.00			
Westclox, Division of General Time Corp.	Peru	LaSalle	199	1127	15.00			
Westclox, Division of General Time Corp.	Fulton	Fulton	18,000	1128	15.00			
Westclox, Division of General Time Corp.	Fulton	Fulton				500	1129	15.00
Ayrshire Coal Company-Sun Spot Mine	Vermont	Williamson	18,000	1130	15.00			
Ayrshire Coal Company-Sun Spot Mine	Marion	Williamson				15,000	1131	15.00
Ayrshire Coal Company-Delta Mine	Chenoa	Livingston	10,000	1132	15.00			
Chenoa Stone Company	Chenoa	Livingston				15,000	1133	15.00
Chenoa Stone Company	Lisbon	Kendall	20,000	1134	15.00			
T. W. Shaw D/B/A Central Limestone Co.	Lisbon	Kendall				20,000	1135	15.00
T. W. Shaw D/B/A Central Limestone Co.	Lisbon	Kendall						

AgriCo Chemical Company	Nation. Stock Yds.	St. Clair	600	1136	15.00	1,000	1137	15.00
AgriCo Chemical Company	National Stock Yd.	St. Clair						
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	300,000	1138	50.00			
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	300,000	1139	50.00			
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	300,000	1140	50.00			
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	250,000	1141	50.00			
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	250,000	1142	50.00			
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	250,000	1143	50.00			
E.I. du Pont de Nemours & Co., Inc.	Seneca	St. Clair	40,000	1145	40.00	1,000,000	1144	15.00
E.I. du Pont de Nemours & Co.	Seneca	St. Clair	20,000	1146	15.00			
E.I. du Pont de Nemours & Co.	Seneca	St. Clair	150,000	1148	50.00	1,000,000	1147	15.00
E.I. du Pont de Nemours & Co.	Seneca	St. Clair	4,000	1149	15.00			
Deep Valley Coal Company	Catlin	Vermilion						
Deep Valley Coal Company	Catlin	Vermilion						
E & L Coal Company	Stonfort	Pope	2,000	1151	15.00	10,000	1150	15.00
E & L Coal Company	Stonfort	Pope	20,000	1153	15.00	200	1152	15.00
Midland Coal Company	Victoria	Knox	20,000	1155	15.00	10,000	1154	15.00
Midland Coal Co., Allendale Mine	Wyoming	Stark	20,000	1157	15.00	2,000	1156	15.00
Midland Coal Company, Allendale Mine	Wyoming	Stark	20,000	1157	15.00	2,000	1158	15.00
Ocoya Stone Company, Inc.	Chenoo	Livingston	20,000	1159	15.00	15,000	1160	15.00
Peabody Coal Company, Inc.	Pawnee	Christian	20,000	1161	15.00	3,000	1162	15.00
Peabody Coal Company - Mine #10	Pawnee	Christian	20,000	1163	15.00	20,000	1164	15.00
Rockyford Limestone Co.	Lincoln	Logan	20,000	1165	15.00	500	1166	15.00
Rockyford Limestone Co.	Lincoln	Logan	20,000	1167	15.00	10,000	1168	15.00
Stotz Quarry, Inc.	Prairie DuRocher	Randolph	10,000	1171	15.00	5,000	1170	15.00
Tab Mining Company, Inc.	Prairie DuRocher	Randolph	20,000	1173	40.00	1,000	1172	15.00
Tab Mining Company, Inc.	Carbondale	Jackson	4,000	1175	40.00	500	1174	15.00
Winter Stone Quarry	St. Elmo	Fayette	20,000	1177	15.00	10,000	1176	15.00
Winter Stone Quarry	St. Elmo	Fayette	4,000	1178	15.00	5,000	1179	15.00
Hazel Dell Coal Corporation	New Windsor	Mercer	5,000	1180	40.00	4,000	1181	15.00
Hazel Dell Coal Corporation	New Windsor	Mercer	100,000	1182	15.00	10,000	1184	15.00
Illinois Valley Minerals Corporation	Naplate	LaSalle	40,000	1185	15.00	3,000	1186	15.00
Illinois Valley Minerals Corporation	Naplate	LaSalle	40,000	1187	15.00			
Monsanto Company	Ordl	Williamson	40,000	1188	15.00			
Monsanto Company	DuQuoin	Perry	40,000	1189	15.00			
Peabody Coal Co., River King Mine Pit #3	New Athens	St. Clair	15,000	1190	15.00			
Peabody Coal Co., River King Mine Pit #3	New Athens	St. Clair	15,000	1191	15.00			
Peabody Coal Co., River King Mine Pit #6	Marissa	Randolph	40,000	1192	40.00	20,000	1193	15.00
Peabody Coal Company, River King Mine Pit 6	Marissa	Randolph	40,000	1194	40.00	4,000	1195	15.00
Peabody Coal Company, River King Mine Pit #6	Marissa	St. Clair	2,500	1196	15.00	12,000	1197	15.00
Peabody Coal Co., River King Mine Pit #6	Marissa	St. Clair	18,000	1198	15.00	3,000	1199	15.00
Peabody Coal Co., River King Mine Pit #6	Marissa	St. Clair	5,000	1200	15.00			
Peabody Coal Co., River King Mine Pit #6	Marissa	St. Clair	400	1201	15.00			
Peabody Coal Co., River King Mine Pit #6	Marissa	St. Clair	600	1202	15.00			
Truax-Traer Coal Company	Cofteen	Montgomery						
Truax-Traer Coal Company	Cofteen	Montgomery						
Midstate Stone Corporation	Gillespie	Macoupin						
Midstate Stone Corporation	Gillespie	Macoupin						
Carpentersville Fireworks Co., Inc.	Huntley	McHenry						
Carpentersville Fireworks Co., Inc.	Huntley	McHenry						

## CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1971—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Carpentersville Fireworks Co., Inc.	Huntley	McHenry	800	1189	15.00			
Carpentersville Fireworks Co., Inc.	Huntley	McHenry	2,000	1190	15.00			
Carpentersville Fireworks Co., Inc.	Huntley	McHenry	400	1191	15.00			
Carpentersville Fireworks Co., Inc.	Huntley	McHenry	800	1192	15.00			
Carpentersville Fireworks Co., Inc.	Huntley	McHenry	2,000	1193	15.00			
Carpentersville Fireworks Co., Inc.	Huntley	McHenry	2,000	1194	15.00			
Fairbury Stone Co., Inc.	Fairbury	Livingston	18,000	1195	15.00			
Missouri Gravel Company	Florence	Pike	20,000	1197	15.00	2,000	1196	15.00
Ottawa Silica Company	Ottawa	LaSalle	50,000	1199	40.00	5,000	1198	15.00
Vulcan Materials Company	Hodgkins	Cook	1,000	1200	15.00			
Western Illinois Stone	Quincy	Cook	20,000	1202	15.00	3,000	1201	15.00
Western Illinois Stone Co.	Quincy	Adams	20,000	1204	15.00	5,000	1203	15.00
Western Illinois Stone Co.	Mt. Sterling	Brown	20,000	1205	15.00	5,000	1205	15.00
Vulcan Materials Co.	McCook	Cook	4,000	1207	15.00	15,000	1206	15.00
Vulcan Materials Co.	McCook	Cook	20,000	1208	15.00			
Ottawa Silica Company	Ottawa	LaSalle				20,000	1209	15.00
Vulcan Materials Co.	Joliet	Will	10,000	1211	15.00	5,000	1210	15.00
Litchfield Stone	Litchfield	Montgomery	20,000	1212	15.00			
Stanley & Virgil Winter D/B/A	Stewardson	Montgomery	20,000	1214	15.00	5,000	1213	15.00
The United Electric Coal Companies	Cuba	Shelby	20,000	1216	15.00	10,000	1215	15.00
The United Electric Coal Companies	Cuba	Fulton	20,000	1217	15.00			
The United Electric Coal Companies	DuQuoin	Fulton	30,000	1219	40.00	50,000	1218	15.00
The United Electric Coal Companies	DuQuoin	Perry	30,000	1221	40.00	25,000	1220	15.00
The United Electric Coal Companies	Canton	Fulton	35,000	1222	40.00			
The United Electric Coal Companies	Canton	Fulton	20,000	1223	15.00			
The United Electric Coal Companies	Banner	Peoria	20,000	1225	15.00	40,000	1224	15.00
The United Electric Coal Companies	Tilton	Vermilion	150	1227	15.00	2,000	1226	15.00
Agrico Chemical Company	Rochelle	Ogle	8,000	1229	15.00	2,000	1228	15.00
M.B. Crushing, Inc.	Rochelle	Ogle	4,000	1230	15.00			
M.B. Crushing, Inc.	Rochelle	Ogle						

M. B. Crushing, Inc.	Rochelle	Ogle	10,000	1232	15.00	5,000	1231	15.00
Midland Coal Company - Elm Mine Pit #2	Farview	Fulton	10,000	1232	15.00	15,000	1233	15.00
Midland Coal Company - Elm Mine Pit #2	Farview	Fulton	1,000	1234	15.00	5,000	1235	15.00
Midland Coal Company - Elm Mine	Trioli	Peoria	4,000	1236	15.00	5,000	1237	15.00
Monterey Coal Company	Carlinville	Macoupin	400	1238	15.00	150	1239	15.00
Richards Brick Company	New Douglas	Bond	20,000	1240	15.00	10,000	1241	15.00
Wedron Silica Company	Wedron	LaSalle	6,000	1242	15.00	1,500	1243	15.00
Hillside Stone Corporation	Hillside	Cook	20,000	1244	15.00	10,000	1245	15.00
Lincoln Stone Quarry, Inc.	Joliet	Will	20,000	1246	15.00	200,000	1247	15.00
Austin Powder Company	Harrisburg	Williamson	50	1248	15.00	500	1249	15.00
Chicago Bridge & Iron Company	Plainfield	Will	6,000	1250	15.00	300	1252	15.00
Commentaire Iron	Plainfield	Morgan	300	1251	15.00	5,000	1254	15.00
Commonwealth Edison Company	Waukegan	Lake	30,000	1253	40.00			
Denny & Simpson Stone Co., Inc.	Waukegan	Hardin	170,000	1255	50.00			
E. I. DuPont Nemours & Co., Inc.	Cave-In-Rock	Hardin	190,000	1256	50.00			
E. I. DuPont Nemours & Co.	Amboy	Lee	250,000	1257	50.00			
E. I. DuPont De Nemours & Co.	Amboy	Lee	160,000	1258	50.00			
E. I. DuPont De Nemours & Co.	Amboy	Lee	300,000	1259	50.00			
E. I. DuPont De Nemours & Co.	Amboy	Lee	270,000	1260	50.00			
E. I. DuPont De Nemours & Co.	Amboy	Lee	170,000	1261	50.00			
E. I. DuPont De Nemours & Co.	Amboy	Lee	210,000	1262	50.00			
Explosives Engineering Service, Inc.	Amboy	Lee	280,000	1263	50.00			
Explosives Engineering Service, Inc.	Amboy	Lee	90,000	1264	40.00			
Explosives Engineering Service, Inc.	Dixon	Lee	100,000	1265	40.00			
Explosives Engineering Service, Inc.	Dixon	Lee	200,000	1266	50.00			
Explosives Engineering Service, Inc.	Dixon	Lee	200,000	1267	50.00	100,000	1268	15.00
W. R. Grace & Company	Dixon	Lee	20,000	1269	15.00			
Granite City Steel Company	Henry	Marshall	100	1270	15.00	100	1271	15.00
Gray Quarries, Inc.	Granite City	Madison	4,000	1272	15.00	1,000	1273	15.00
D-P Indian Point Limestone Products, Inc.	Hamilton	Hancock	10,000	1274	15.00	5,000	1275	15.00
D-P Indian Point Limestone Products, Inc.	Hamilton	Hancock	20,000	1276	15.00	5,000	1277	15.00
Martin Valstad Quarries	Athens	Menard	20,000	1278	15.00	2,000	1279	15.00
Martin Valstad Quarries	Kane	Greene	10,000	1280	15.00	2,000	1281	15.00
Martin Valstad Quarries	Fieldon	Jersey	20,000	1282	15.00	2,000	1283	15.00
Martin Valstad Quarries	Hillview	Greene						



## CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1971—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
American Cyanamid Company	Rochelle	Ogle	100,000	1284	40.00	50,000	1285	15.00
American Cyanamid Company	Rochelle	Ogle						
Colchester Stone Company	Carthage	Hancock	12,000	1286	15.00		1287	15.00
Colchester Stone Company	Colchester	McDonough	20,000	1288	15.00			
Colchester Stone Company	Colchester	McDonough				1,600	1289	15.00
Collinson Stone Company	Milan	Rock Island	20,000	1290	15.00			
Collinson Stone Company	Milan	Rock Island				10,000	1291	15.00
Allied Stone Company	Milan	Rock Island	50,000	1292	40.00			
Allied Stone Company	Milan	Rock Island				25,000	1293	15.00
Olson Brothers	Dallas City	Henderson	40,000	1294	40.00			
McClure Quarries, Inc.	Dallas City	Henderson				2,000	1295	15.00
McClure Quarries, Inc.	Tennessee	McDonough	20,000	1296	15.00			
Ozark-Mahoning Company	Rosiclare	Hardin	15,000	1298	15.00	2,000	1297	15.00
Ozark-Mahoning Company	Rosiclare	Hardin				15,000	1299	15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	20,000	1300	15.00			
Ozark-Mahoning Company	Cave-In-Rock	Hardin				15,000	1301	15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	20,000	1302	15.00			
Ozark-Mahoning Company	Cave-In-Rock	Hardin				15,000	1303	15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	34,000	1304	40.00			
Ozark-Mahoning Company	Rosiclare	Pope	20,000	1306	15.00			
Ozark-Mahoning Company	Rosiclare	Pope	36,000	1307	40.00			
Ozark-Mahoning Company	Rosiclare	Pope				15,000	1305	15.00
Ozark-Mahoning Company	Viola	Mercer	4,000	1309	15.00			
Ozark-Mahoning Company	Viola	Mercer				15,000	1308	15.00
Ozark-Mahoning Company	Marion	Williamson	200,000	1311	50.00			
Ozark-Mahoning Company	Troy Grove	LaSalle	10,000	1312	15.00	2,000	1310	15.00
Independent Well Service Company	LaSalle	LaSalle						
Monmouth Stone Company	Carmi	White	5,000	1314	15.00	500	1313	15.00
Monmouth Stone Company	Monmouth	Warren	20,000	1315	15.00			
Old Ben Coal Corp., Mine #21	Monmouth	Warren				5,000	1316	15.00
Old Ben Coal Corp., Mine #21	Sesser	Franklin	10,000	1317	15.00			
Shoals Stone Quarry	Sesser	Franklin				5,000	1318	15.00
Shoals Stone Quarry	Iuka	Marion	10,000	1319	15.00			
Specification Stone Company	Iuka	Marion				5,000	1320	15.00
Specification Stone Company	Pana	Christian	30,000	1321	40.00			
Specification Stone Company	Pana	Christian	18,000	1322	15.00			
Hastie Mining Company	Pana	Christian				5,000	1323	15.00
Hastie Mining Company	Cave-In-Rock	Hardin	12,000	1324	15.00			
Hastie Mining Company	Cave-In-Rock	Hardin				3,000	1325	15.00



Huelsmann Quarry, Inc.	Carlyle	Clinton	5,000	1326	15.00	5,000	1327	15.00
Huelsmann Quarry, Inc.	Carlyle	Clinton	19,990	1328	15.00	1,100	1329	15.00
Iola Stone & Material Co., Inc.	Iola	LaSalle	1,000	1330	15.00	1,000	1331	15.00
Riskotat Clay Products Company	Lowell	LaSalle	50,000	1332	40.00	25,000	1333	15.00
Cleveland Quarry, Inc.	Cleveland	Henry	10,000	1334	15.00	1,000	1335	15.00
Illinois Products	Morris	Grundy	500	1336	15.00	1,050	1337	15.00
Johnson's Construction	Woodhull	Henry	50,000	1338	40.00			
Material Service	Lockport	Will	40,000	1339	40.00			
Material Service	Lockport	Will	3,000	1340	15.00			
Material Service	Lockport	Will				25,000	1341	15.00
Material Service	Lyons	Cook	4,000	1343	15.00	25,000	1342	15.00
Material Service	McCook	Cook	5,000	1345	15.00	25,000	1344	15.00
Material Service	McCook	Cook	5,000	1346	15.00			
Material Service	McCook	Cook	5,000	1347	15.00			
Material Service	McCook	Cook	3,000	1348	15.00			
Material Service	Thornton	Cook	50,000	1350	40.00	25,000	1349	15.00
Material Service	Thornton	Cook	4,000	1351	15.00			
Material Service	Ottawa	LaSalle	25,000	1353	40.00	10,000	1352	15.00
Troy Grove Stone Quarry, Inc.	Troy Grove	LaSalle	20,000	1354	15.00	2,000	1355	15.00
Trojan-U.S. Powder	Quincy	Adams	500	1356	15.00			
Trojan-U.S. Powder	Quincy	Adams	3,000	1357	15.00	150,000	1358	15.00
Trojan-U.S. Powder	Quincy	Adams	50,000	1359	40.00	25,000	1360	15.00
Midway Stone Company, Inc.	East Moline	Rock Island	100,000	1361	40.00	35,000	1362	15.00
Truax-Traer Coal Co. Burning Star Mine #2	Pinckneyville	Perry	100,000	1363	40.00	50,000	1364	15.00
Truax-Traer Coal Co. Burning Star Mine #3	Schuline	Randolph	65,000	1365	40.00	25,000	1366	15.00
Truax-Traer Coal Co. Burning Star Mine #3	Schuline	LaSalle	6,000	1367	15.00	200	1368	15.00
Marquette Cement Manufacturing Company	Oglesby	Lee	20,000	1369	15.00			
Marquette Cement Manufacturing Company	Rochelle	Marion	25,000	1370	40.00	100,000	1372	15.00
Stoneridge Limestone Company	Marion	Williamson	50,000	1371	40.00	100,000	1373	15.00
Atlas Chemical Industries, Inc.	Marion	Williamson	15,000	1374	15.00	5,000	1375	15.00
Atlas Chemical Industries, Inc.	Marion	Williamson	15,000	1376	15.00	5,000	1377	15.00
Casey Stone Company	Casey	Clark						
Casey Stone Company	Casey	Clark						
Casey Stone Company	Casey	Clark						

## CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1971—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Southern Illinois Stone Company	Buncombe	Johnson	40,000	1378	40.00	3,000	1379	15.00
Southern Illinois Stone Company	Buncombe	Johnson						
Minerva Oil Company	Rosiclare	Pope	10,000	1380	15.00			
Minerva Oil Company	Rosiclare	Pope				2,000	1381	15.00
Minerva Oil Company	Humm's Wye	Pope	20,000	1382	15.00			
Minerva Oil Company	Humm's Wye	Pope				5,000	1383	15.00
Minerva Oil Company	Cave-in-Rock	Hardin	44,000	1384	40.00			
Minerva Oil Company	Cave-in-Rock	Hardin	30,000	1385	40.00			
Minerva Oil Company	Cave-in-Rock	Hardin						
Minerva Oil Company	Cave-in-Rock	Hardin	20,000	1387	15.00	50,000	1386	15.00
Western Illinois Stone Company	Lorraine	Adams						
Western Illinois Stone Company	Lorraine	Adams				5,000	1388	15.00
Santucci Construction Company	Frederick	Stephenson	1,000	1389	15.00			
Santucci Construction Company	Frederick	Stephenson				600	1390	15.00
Santucci Construction Company	Matherville	Stephenson	15,000	1391	15.00			
Viola Materials, Inc.	Matherville	Mercer	10,000	1393	15.00	10,000	1392	15.00
Viola Materials, Inc.	Matherville	Mercer	15,000	1394	15.00			
Viola Materials, Inc.	Michael	Jersey				1,000	1395	15.00
Sievers Brothers Quarry, Inc.	Prairie Du Rocher	Randolph	30,000	1396	40.00			
Allied Chemical Corporation	Prairie Du Rocher	Randolph				25,000	1397	15.00
River Sand and Stone Co., Inc.	Rosiclare	Hardin	20,000	1398	15.00			
River Sand and Stone Co., Inc.	Rosiclare	Hardin	20,000	1399	15.00			
River Sand and Stone Co., Inc.	Rosiclare	Hardin				3,000	1400	15.00
Atlas Chemical Industries, Inc.	Morris	Grundy	135,000	1401	50.00			
Atlas Chemical Industries, Inc.	Morris	Grundy				500,000	1402	15.00
Atlas Chemical Industries, Inc.	Payson	Adams	160,000	1403	50.00	250,000	1404	15.00
Atlas Chemical Industries, Inc.	Payson	Adams						
Atlas Chemical Industries, Inc.	Dixon	Lee	150,000	1405	50.00	500,000	1406	15.00
Atlas Chemical Industries, Inc.	Dixon	Lee						
Atlas Chemical Industries, Inc.	Galena	Jo Daviess	100,000	1407	40.00	400,000	1408	15.00
Atlas Chemical Industries, Inc.	Galena	Jo Daviess				400,000	1409	15.00
Atlas Chemical Industries, Inc.	Galena	Jo Daviess						
Geology Dept., Southern Illinois University	Marion	Williamson	1,000	1410	15.00	500	1411	15.00
Illinois State Penitentiary, Menard Branch	Chester	Randolph	4,000	1412	15.00	10,000	1413	15.00
Illinois State Penitentiary, Menard Branch	Chester	Randolph						
Tammco, Inc.	Tamm	Alexander	3,000	1414	15.00			
Tammco, Inc.	Tamm	Alexander				3,000	1415	15.00
E. Wienen & Sons Const. Co., Inc.	Galena	Jo Daviess	500	1416	15.00			
E. Wienen & Sons Const. Co., Inc.	Galena	Jo Daviess						
A. T. Kingery	Lanark	Carroll	2,000	1418	15.00	500	1417	15.00
Columbia Quarry Company	Valmeyer	Monroe	20,000	1419	15.00			

Columbia Quarry Company	Valmeyer	Monroe	30,000	1420	40.00	25,000	1421	15.00
Columbia Quarry Company	Valmeyer	Monroe	100,000	1422	40.00	50,000	1423	15.00
Columbia Quarry Company	Columbia	St. Clair	35,000	1424	40.00	10,000	1426	15.00
Columbia Quarry Company	Dupo	St. Clair	20,000	1425	15.00	10,000	1428	15.00
Columbia Quarry Company	Dupo	St. Clair	20,000	1427	15.00	10,000	1428	15.00
Columbia Quarry Company	Karnak	Massac	40,000	1429	40.00	20,000	1431	15.00
Columbia Quarry Company	Ullin	Pulaski	30,000	1430	40.00	5,000	1433	15.00
Columbia Quarry Company	Ullin	Pulaski	15,000	1432	15.00	2,000	1434	15.00
Gregory-Anderson Company	Rockford	Winnabago	19,500	1435	15.00	1,100	1436	15.00
Gregory-Anderson Company	Rockford	Winnabago	300	1437	15.00	5,000	1438	15.00
Gregory-Anderson Company	Rockford	Winnabago	1,400	1439	15.00	2,000	1440	15.00
Iola Stone & Material Co., Inc.	Athens	Menard	3,000	1441	15.00	6,000	1442	15.00
Freeman Coal Mining Corp. - Orient Mine #3	Waltonville	Jefferson	500	1443	15.00	5,000	1444	15.00
Freeman Coal Mining Corp. - Orient Mine #3	Waltonville	Jefferson	200	1445	15.00	500	1446	15.00
Freeman Coal Mining Corp. - Orient Mine #5	West Frankfort	Franklin	4,000	1448	15.00	15,000	1447	15.00
Freeman Coal Mining Corp. - Orient Mine #5	West Frankfort	Franklin	100	1450	15.00	1,000	1449	15.00
Freeman Coal Mining Corp. - Orient Mine #5	West Frankfort	Franklin	20,000	1452	15.00	50	1451	15.00
Freeman Coal Mining Corp. - Crown Mine #4	Farmersville	Montgomery	20,000	1454	15.00	1,000	1453	15.00
Freeman Coal Mining Corp. - Crown Mine #4	Farmersville	Montgomery	20,000	1456	15.00	1,000	1455	15.00
Freeman Coal Mining Corp. - Orient Mine #4	Marion	Williamson	8,000	1458	15.00	5,000	1457	15.00
Freeman Coal Mining Corp. - Orient Mine #4	Marion	Williamson	6,000	1460	15.00	75,000	1459	15.00
Occidental Chemical Company	Ashkum	Iroquois	2,000	1462	15.00	2,000	1461	15.00
Ozark-Mahoning Company	Cave-in-Rock	Hardin	400	1464	15.00	10,000	1463	15.00
Eads Coal Company	Belle-Rive	Jefferson	800	1466	15.00	500	1465	15.00
Eichleay Corporation	Belle-Rive	Jefferson	20,000	1468	15.00	1,000	1467	15.00
Eichleay Corporation	Chicago	Cook	20,000	1470	40.00	1,600	1471	15.00
Meyer Aggregate	Channahon	Cook	20,000	1472	15.00			
Meyer Aggregate	Channahon	Will	20,000	1474	15.00			
Meyer Aggregate	Big Rock	Kane	20,000	1476	15.00			
Midland Coal Co.	Edwards	Peoria	20,000	1478	15.00			
Midland Coal Co.	Edwards	Peoria	8,000	1480	15.00			
Eagle-Pitcher Industries, Inc.	Galena	Jo Daviess	6,000	1482	15.00			
Eagle-Pitcher Industries, Inc.	Galena	Jo Daviess	2,000	1484	15.00			
Frank Nutty, Inc. & Pautler Bros. Contr.	Grimbsy	Jackson	400	1486	15.00			
Frank Nutty, Inc. & Pautler Bros. Contr.	Grimbsy	Jackson	800	1488	15.00			
Borden, Inc.	Shreator	Livingston	20,000	1490	15.00			
Borden, Inc.	Shreator	Livingston	20,000	1492	15.00			
Shreator Brick Co.	Ullin	LaSalle	20,000	1494	15.00			
Shreator Brick Co.	Ullin	LaSalle	20,000	1496	15.00			
Shreator Brick Co.	Ullin	LaSalle	20,000	1498	15.00			
Western Brick Co.	Danville	Vermilion	20,000	1500	15.00			
Valley Quarry	St. Augustine	Warren	50,000	1502	40.00			

## CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1971—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
USS Agri-Chemicals	Chicago Heights	Cook	50	1472	15.00	10,000	1473	15.00
USS Agri-Chemicals	Chicago Heights	Cook						
A. Ernt D B A. Acme Casing Pulling Co.	Grayville	Edwards	1,500	1474	15.00			
A. Ernt D B A. Acme Casing Pulling Co.	Grayville	Edwards				1,000	1475	15.00
The Charles Stone Co.	Cypress	Johnson	20,000	1476	15.00			
The Charles Stone Co.	Cypress	Johnson				5,000	1477	15.00
Bill Paschal D B A. Grayville Casing	Grayville	Edwards	2,500	1478	15.00			
Bill Paschal D B A. Grayville Casing	Grayville	Edwards				500	1479	15.00
Lit Research Institute	Chicago	Cook	50	1480	15.00			
Rockford Blacktop Construction Co.	Belvidere	Boone	10,000	1481	15.00			
Rockford Blacktop Construction Co.	Loves Park	Winneshago	7,000	1483	15.00	5,000	1482	15.00
Rockford Blacktop Construction Co.	Loves Park	Winneshago				1,000	1484	15.00
Rockford Blacktop Construction Co.	Freeport	Stephenson	10,000	1485	15.00			
Rockford Blacktop Construction Co.	Freeport	Stephenson				2,000	1486	15.00
Charleston Stone Company, Inc.	Charleston	Coles	20,000	1487	40.00			
Explosives, Inc.	Charleston	Coles				20,000	1488	15.00
Explosives, Inc.	Pittsfield	Pike	80,000	1489	40.00			
Explosives, Inc.	Pittsfield	Pike	150,000	1490	50.00			
Explosives, Inc.	Pittsfield	Pike				50,000	1491	15.00
Quality Lime Company, Inc.	Pittsfield	Clark	14,000	1493	15.00	200,000	1492	15.00
Magnavox Systems, Inc.	Marshall	Champaign	300	1495	15.00	15,000	1494	15.00
Magnavox Systems, Inc.	Urbana	Champaign	300	1497	15.00	300	1496	15.00
Wilson & Shipley, Inc.	Urbana	Champaign	75,000	1499	15.00	150,000	1498	15.00
General Time Corporation	Rockton	Winneshago	100	1501	15.00	20,000	1500	15.00
International Minerals & Chemicals Corp.	Rolling Meadows	Cook	200	1502	15.00			
Swift & Chemical Corp.	Chicago Heights	Cook	600	1504	15.00	200	1503	15.00
Zenith Radio Corp.	E. St. Louis	St. Clair	200	1506	15.00	600	1505	15.00
Rein. Schultz & Dahl, Inc.	Pleasant View	Schuyler	5,000	1507	15.00	300	1508	15.00
Eastern Services, Inc.	Tuscola	Douglas	30,000	1509	15.00	2,000	1510	15.00
Olin Corporation	Carmi	White	1,000	1511	15.00			
Olin Corporation	Oakland	Coles	300	1512	15.00	500	1513	15.00
Olin Corporation	East Alton	Madison	20,000	1514	15.00	20,000	1515	15.00
Olin Corporation	East Alton	Madison	35,000	1516	15.00	8,000,000	1517	15.00
Olin Corporation	East Alton	Madison	10,000	1518	15.00	10,000,000	1519	15.00
Olin Corporation	East Alton	Madison	25,000	1521	40.00	10,000,000	1520	15.00
Olin Corporation	East Alton	Madison				10,000,000	1522	15.00
Olin Corporation	East Alton	Madison				10,000,000	1523	15.00
Olin Corporation	East Alton	Madison				10,000,000	1524	15.00
Olin Corporation	East Alton	Madison				10,000,000	1525	15.00
Olin Corporation	East Alton	Madison				10,000,000	1526	15.00







Cullum Mining Company	Rosiclare	Hardin	300	1640	15.00	100	1641	15.00
E. I. DuPont De Nemours & Co.	Marion	Williamson	300,000	1642	50.00	.....	.....	.....
E. I. DuPont De Nemours & Co.	Marion	Williamson	300,000	1643	50.00	.....	.....	.....
E. I. DuPont De Nemours & Co.	Marion	Williamson	300,000	1644	\$50.00	.....	.....	.....
Explosives, Inc.	Pittsfield	Pike	300,000	1645	50.00	.....	.....	.....
Nokomis Quarry Company of Illinois	Wenonah	Montgomery	20,000	1646	15.00	1,500	1647	15.00
Sangamon County Highway Department	Springfield	Sangamon	50	1648	15.00	100	1649	\$15.00
Frontier Constructors, Inc.	Shawneetown	Gallatin	10,000	1650	15.00	9,000	1651	15.00
Herbert Stevenson	Ottawa	LaSalle	24,000	1652	40.00	.....	.....	.....
General Time	Ottawa	LaSalle	40,000	1653	40.00	1,000,000	1654	15.00
Thomas Quarry, Inc.	Skokie	Cook	.....	.....	.....	1,000	1655	15.00
Alsey Refractories Company	Winchester	Scott	9,000	1656	15.00	4,000	1657	15.00
Huicher Quarry, Inc.	Alsey	Scott	1,000	1658	15.00	500	1659	15.00
Olin Humphries	Nokomis	Montgomery	15,000	1660	15.00	2,000	1661	15.00
Olin Corporation	Ashmore	Coles	2,000	1662	15.00	.....	.....	.....
Olin Corporation	East Alton	Madison	13,000	1663	15.00	.....	.....	.....
Anna Quarries, Inc.	East Alton	Madison	13,000	1664	15.00	.....	.....	.....
Williams Quarry—Beecher Williams Partner	Anna	Union	20,000	1665	15.00	15,000	1666	15.00
Minerva Oil Co., Crystal Mine	Cave-In-Rock	Hardin	20,000	1667	15.00	10,000	1668	15.00
McGuire Shaft & Tunnel Corp.	Keensburg	Wabash	20,000	1670	15.00	10,000	1669	15.00
Gunter-Nash Mining Construction Co.	Marissa	Randolph	4,500	1671	15.00	5,000	1672	15.00
Gunter-Nash Mining Construction Co.	Murdock	Douglas	2,000	1673	15.00	1,400	1674	15.00
Birdwell Div. of Seismograph Service Corp.	Oiney	Richland	50	1677	15.00	2,000	1676	15.00
Dooley Brothers	Oiney	Richland	1,000	1679	15.00	1,500	1678	15.00
Cowin & Company	Peoria	Peoria	150,000	1680	50.00	.....	.....	.....
Brown Brothers Excavating	Coffeen	Montgomery	10,000	1681	15.00	5,000	1682	15.00
Kenny Const. Company	Harrisburg	Saline	400	1683	15.00	1,500	1684	15.00
Ayrshire Coal Company	Patios Hills	Cook	3,000	1685	15.00	1,000	1686	15.00
New Jersey Zinc Co.	Willisville	Perry	20,000	1687	15.00	15,000	1688	15.00
H. C. Price Company	De Pue	Bureau	50	1689	15.00	35	1690	15.00
Pentzien, Inc.	Kankakee	Kankakee	10,000	1691	15.00	5,000	1692	15.00
Chaney Fence, Corp.	Kankakee	Kankakee	3,000	1693	15.00	100	1694	15.00
J. D. Barter Const. Co., Inc.	Ottawa	LaSalle	2	1695	15.00	10	1696	15.00
J. D. Barter Const. Co., Inc.	Viena	Johnson	50,000	1697	40.00	2,500	1698	15.00
Iroquois Stone Company	New Columbia	Nassac	35,000	1699	40.00	3,000	1700	15.00
Wildfire Material, Inc.	Pontiac	Iroquois	35,000	1701	40.00	3,000	1702	15.00
Jay Dee Contractors, Inc.	Carbondale	Jackson	20,000	1703	\$15.00	15,000	1704	\$15.00
Fenn & Scisson, Inc.	La Grange	Cook	2,000	1705	15.00	2,000	1706	15.00
Illinois Quarry Drilling Co.	Millone	Will	20,000	1707	15.00	20,000	1708	15.00
Tobias Construction & Carriage, Inc.	Rock Island	Rock Island	4,000	1709	15.00	1,500	1710	15.00
Explosives, Inc.	Leont	Macoupin	35,000	1711	40.00	5,000	1712	15.00
Explosives, Inc.	Herscher	Kankakee	200	1713	15.00	200	1714	15.00
Peabody Coal Company	Marion	Williamson	20,000	1715	50.00	.....	.....	.....
Boren Blasting, Inc.	Pittsfield	Pike	250,000	1716	50.00	5,000	1718	15.00
E. I. DuPont De Nemours & Co.	Marselles	Clark	30,000	1717	40.00	.....	.....	.....
E. I. DuPont De Nemours & Co.	Lenzburg	St. Clair	40,000	1719	40.00	.....	.....	.....
M. L. Wolf Litchfield Quarry	Marion	Williamson	300,000	1720	50.00	25,000	1723	15.00
Quality Stone Company, Inc.	Litchfield	Montgomery	300,000	1721	40.00	25,000	1725	15.00
Ja Dee Fuel Company	New Athens	St. Clair	20,000	1724	15.00	20,000	1727	15.00
	Shawneetown	Saline	15,000	1726	15.00	.....	.....	.....









## **DIVISION OF LAND RECLAMATION**



## DIVISION OF LAND RECLAMATION

State Office Building, Room 704

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E.E. Filer, Supervisor

R.R. 1

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## **SURFACE MINING PERMIT ENFORCEMENT**

The Surface-Mined Land Reclamation Division had 154 mine locations under inspection as of December 31, 1971. This was an increase of two over the previous year. Active mine locations under inspection totaled 108 which compares with 114 during the preceding year. The difference between active mine locations and mines under inspection is that discontinued mines remain under inspection until reclamation obligations have been fulfilled. A decrease from 41 to 36 active coal mines accounted for the biggest change in active mine locations. Table I shows the breakdown by mineral product.



The land reclamation field staff made 606 visitations to mine locations throughout Illinois during 1971 for the purpose of checking compliance of the surface mining laws and to provide technical or other consulting assistance to mine operators toward fulfilling surface mining law objectives. Smaller operators tend not to have technically competent people who are trained in the biological sciences and soil science disciplines. As a result, these people tend to rely considerably on the expertise of the state reclamation staff on matters relating to seeding and planting. It is therefore possible for the field staff to sometimes devote more time to a smaller mine than to a larger mine since larger mines tend to have their own technical reclamation staff.

A total of 85 permits were issued during the 1971 permit year; however, considerable "overlap" occurs in permit issuance as may be noted in Table I. Quarries, for example, although they may mine continuously, do not "strip" (uncover) continuously since the mineral on a given acreage cannot be recovered as fast as it can be uncovered. Since, under the older law a mining permit could be secured within fifteen days of application, issuance of permits has continued almost throughout the year. Under the 1971 law, the 60 day requirement for permit processing could change some past practices significantly concerning permit application.

TABLE I

## SUMMARY OF SURFACE MINE PERMITS AND AFFECTED ACREAGES

January 1, 1962—December 31, 1971

PRODUCT	Companies Under Inspection	Mine Locations Under Inspection	Permits Issued	Active Mine Locations	Permit Fees Collected	Permit Acres	Affected Acreage
 COAL 1/1/62 thru 6/30/69 7/1/69 thru 6/30/70 7/1/70 thru 6/30/71 7/1/71 thru 12/31/71	.....	.....	.....	.....	260,228.35	44,833.32	107,001.00 * 1
	36	59	16	43	39,660.14	6,893.48	45,238.99
	41	61	21	41	44,971.74	7,792.68	7,071.76
	45	62	16	36	38,932.00	6,744.00	6,677.08
					383,792.23	66,263.48	58,987.83 * 2 165,988.83 * 3
 LIMESTONE 1/1/62 thru 6/30/69 7/1/69 thru 6/30/70 7/1/70 thru 6/30/71 7/1/71 thru 12/31/71	.....	.....	.....	.....	31,658.02	1,813.30	1,531.11
	70	74	41	65	4,687.75	273.50	253.54
	65	70	46	54	5,540.78	370.85	373.62
	62	67	38	53	4,774.25	333.50	.....
					46,660.80	2,791.15	2,158.27



Permit fees collected are shown in Table I. To be noted is the fact that the new law which was signed into law in September 1971 provided for increased permit fees along with increased staff responsibilities. Consequently, the land reclamation division initiated plans in 1971 to enlarge the field staff in 1972.

## **AFFECTED ACREAGE AND RECLAMATION STATUS**

Acreage disturbance due to surface mining is significant mostly in the form of coal mining as shown in Table II. During the past three to four years, coal surface mining seems to have stabilized at disturbing six to seven thousand acres annually. There were 6,677 acres disturbed by coal surface mining during the 1971 permit year.

Reclamation of disturbed acreage shows some noticeable lag. As is apparent in Table II, only about one-third as much acreage as disturbed by coal surface mining was reclaimed to department standards. Not reflected in Table II is the fact that considerable reclamation was performed and submitted for approval but was deemed to be of less than acceptable quality. Accordingly, reclaimed acres for which bonds have been released are of a quality higher than ever before following surface mining.

Balance between reclaimed and affected acres, unlike coal, is not significant generally in other minerals listed in Table II. "Quarry type" mining, where the ratio of mineral to overburden is very high, is such that a given acreage may serve as an overburden disposal site for a period of years and is therefore unavailable for reclamation until "final" disposal is completed.

A very significant statistic shown in Table II is the fact that, of the acres reclaimed after coal surface mining, almost half of the total (1,092) acres was graded for crop or pasture. Strike-off pasture continues to be the most popular category of reclamation with a reforestation being of lesser importance.



A meaningful assessment of reclamation status can be made by comparing affected acres with reclaimed acres over a period of years. Table II shows 58,988 acres affected by coal surface mining since 1962 (beginning of the law) and 43,560 acres have been reclaimed in this same period. This shows that about three-fourths of the acreage affected under the law has already been reclaimed.

Of the 165,989 acres total affected by Surface coal mining in Illinois to date, about 35 % (58,988 acres) has occurred under permit for which reclamation is required by statute. Pre-law figures for other minerals listed in Table II are not available.

### **RECLAMATION PLANS**




Table III shows the acreage distribution of reclamation plans according to land use category for each product surface mined. Under the Surface Mined Land Reclamation Act, each company submits a plan each December covering the acreage reported disturbed the preceding permit year. By comparing reclamation completed in past years with acreage for which reclamation is planned (by category), it is possible to detect upcoming changes, if any, in reclamation land use tendency. No noteworthy changes are apparent.

### **BOND FORFEITURES**

Table IV shows the status of reclamation law bond forfeitures by county, company involved, pending forfeitures, and work performed by the state under bond forfeiture. Williamson County experienced five out of the fourteen bond forfeitures consummated or initiated this year. The land reclamation division has supervised five different projects under forfeited bond expenditures totaling \$14,451.70.

TABLE II

## ACREAGES RECLAIMED, APPROVED, AND BONDS RELEASED

PRODUCT	Acres Affected * 1	Total Reclamation	Graded for Crop or Pasture	Strike-off For Pasture	Reforested	Recreational an Industrial	Non- Reclaimable
 <b>COAL</b>							
Previous to 12/31/61	107,001.00 * 2	57,253.00 * 2	11,237.00 * 2	19,225.00 * 3	11,674.00 * 2	8,150.00 * 2	.....
1/1/62 thru 12/31/69	45,238.99	36,034.60	14,146.18	17,716.55	2,676.47	1,495.40	.....
1/1/70 thru 12/31/70	7,071.76	5,252.13	2,092.21	2,857.81	276.81	25.30	.....
1/1/71 thru 12/31/71	6,677.08	2,273.17	1,091.90	1,142.27	39.00	.....	.....
1/1/62 thru 12/31/71	58,987.83	43,559.90	17,330.29	21,716.63	2,932.28	1,520.70	.....
Total in State	165,988.83	100,812.90	28,567.29	40,941.63	14,666.28	9,670.70	.....
 <b>LIMESTONE</b>							
1/1/62 thru 12/31/69	1,531.11	885.48	281.28	417.83	166.37	20.00	.....
1/1/70 thru 12/31/70	253.54	90.31	34.36	50.95	5.00	.....	.....
1/1/71 thru 12/31/71	373.62	212.05	41.39	151.11	.....	16.00 I	3.55
	2,158.27	1,187.84	357.03	619.89	171.37	36.00	3.55
 <b>SHALE &amp; CLAY</b>							
1/1/62 thru 12/31/69	138.95	105.61	31.93	26.70	38.78	2.50 I	5.70
1/1/70 thru 12/31/70	17.89	9.78	.....	.....	9.78	.....	.....
1/1/71 thru 12/31/71	20.60	8.00	8.00	.....	.....	.....	.....
	177.44	123.39	39.93	26.70	48.56	2.50	5.70

HOUSE SILICA  
1/1/62 thru 12/31/69  
1/1/70 thru 12/31/70  
1/1/71 thru 12/31/71

63.11	41.01	20.07	.....	2.00	11.73	7.21
14.06	.....	.....	.....	.....	.....	.....
19.50	13.32	.....	7.42	5.90	.....	.....
	54.33	20.07	7.42	7.90	11.73	7.21
35.14	27.21	11.00	5.71	7.50	3.00	.....
4.50	.20	.....	.20	.....	.....	.....
10.50	4.00	4.00	.....	.....	.....	.....
50.14	31.41	15.00	5.91	7.50	3.00	.....

HOUSE SAND & GRAVEL  
1/1/62 thru 12/31/69  
1/1/70 thru 12/31/70  
1/1/71 thru 12/31/71

- \* 1 Acres affected are for the permit year (July thru June 30) instead of the indicated calendar year.
- \* 2 Data of coal acreages affected and reclaimed previous to 12/31/61 have been provided by Mid-West Coal Producers.
- \* 3 Includes 8,571 acres of non-stuck-off pasture seeding.

TABLE III

## 1971 RECLAMATION PLANS/ACRES

PRODUCT	Graded Crop or Pasture Acres	Strike-off Pasture Acres	Reforestation Acres	Nonreclaimable Recreational and Industrial Acres	Total Reclamation Plan Acres	Acres Affected 1969 - 1970 Permit Year
Coal	2,287.26	4,305.61	73.00	200.96 R	6,866.83	6,677.08
Limestone	131.49	254.85	13.40	24.25 I	433.69	373.62
Shale - Clay	9.25	8.00	30.84	9.70 R	48.09	20.60
Silica	6.86	.....	3.50	.....	10.36	19.50
Sand & Gravel	9.0	.....	.....	.....	9.0	10.50
TOTALS	2,443.86	4,568.46	120.74	234.91	7,367.97	7,101.30

**TABLE IV**  
**BOND FORFEITURES**

**Surface-Mined Land Reclamation Act**

County	Company	Acres Reclaimed	Acres Remaining	Bonds Forfeited	Pending forfeitures requested by Attorney Gen.	Amount State Performed
Saline	Marshall Equip. Co.	53.8	71	\$15,312.50		\$7,782.50
Gallatin	Marshall Equip. Co.		27			
Montgomery	Litchfield Quarry	13		\$ 2,500.00		\$1,480.00
Jackson	Farley Brothers	9		\$ 1,800.00		\$1,625.00
Randolph	Eden Mining Co.		86	\$ 2,000.00	\$13,800	
Williamson	Wenzel Bro. Coal	5	23	\$ 1,000.00		\$1,011.16
Gallatin	Wenzel Bro. Coal		9			
Williamson	Big Muddy Coal	9*		\$ 1,800.00		
Williamson	Menow Coal	28		\$ 1,200.00		\$1,368.04
Williamson	New Orchard Corp.	25*		\$ 5,000.00		\$1,185.00
Jackson	New Gallatin Coal	25		\$ 1,000.00		
Williamson	Mainline Coal	51			\$30,800	
Jackson	Mainline Coal	106				
LaSalle	Pure Silica		3.68	\$ 1,000.00		
TOTALS:		117.8	431.73	\$32,612.50	\$44,600	\$14,451.70

\* Graded. Tree planting pending.

\*\* Dam planned.

Under state supervised bond forfeiture projects, the actual work is performed by local contractors and the land reclamation division field staff directs and verifies reclamation performance. Bonds forfeited on a given site are expended on that same site.

### **AFFECTED ACREAGE BY COUNTY—COAL**

Table V lists all counties in Illinois with acreage disturbed by coal surface mining. Some coal surface mining has been experienced in forty counties. During the last permit year, sixteen counties experienced some coal surface mining.

Five counties are listed in the “five figures” of acreage disturbed (Fulton 41,556; Perry 20,997; Knox 17,309; St. Clair 13,132; and Williamson 13,836). As for total county area disturbed by coal surface mining, two counties show more than 7% of their total acreage having been surface mined (Perry 7.58% and Fulton 7.43%).

Of the forty counties listed in Table V as experiencing some surface coal mining, the total 165,989 acres affected comprises 0.463% of the total area of the state. There are 22 counties with surface mining acreages listed as having under one-thousand acres disturbed. This leaves a balance of 18 counties as having over one-thousand acres affected.

Only two counties are experiencing surface mining for coal in excess of one-thousand acres per year (Fulton 1,921; and Perry 1,060). There are four counties with only one acre of surface coal mining each (Jersey, Marshall, Pike, and Scott).

### **WASTE DISPOSAL PERMITS**

In addition to surface mining permits, the land reclamation division issues Gob and slurry area permits. During 1971, there were 31 gob permits covering 388.22 acres, and 22 slurry permits covering 797.27 acres as shown on Table 6. One gob area comprising 16.6 acres was reclaimed during 1971 and surety bonds were released.

TABLE V

## COAL—AFFECTED ACREAGES—PRE-LAW—June 30, 1971

COUNTY	Balance Prior to Law	1-1-62 to 6-30-67	7-1-67 to 6-30-68	7-1-68 to 6-30-69	7-1-69 to 6-30-70	7-1-70 to 6-30-71	Total County Acreage Affected	Percent of County Affected
Adams	177	28.20	5.00	1.90			212.10	.037
Brown	17						17.00	.009
Bureau	2,933	229.58					3,162.58	.57
Clark	3						3.00	.0009
Crawford	4						4.00	.001
Edgar	51						51.00	.01
Fulton	26,812	7,580.32	1,636.42	1,659.88	1,945.72	1,921.34	41,555.68	7.43
Gallatin	247	97.10	376.52	189.13	384.13	187.74	1,481.62	.70
Greene	30	4.25					34.25	.01
Grundy	6,348	628.10	110.05	113.60	61.30	59.25	7,320.30	2.65
Hancock	101						101.00	.02
Henry	2,718						2,718.00	.51
Jackson	4,307	699.81	98.00	4.00	32.00	5.00	5,145.81	1.33
Jefferson	72	13.00				297.00	382.00	.14
Jersey	1						1.00	.0004
Johnson	1	2.00					2.00	.0004
Kankakee	2,010						46.50	.009
Knox	11,798	3,189.64	751.66	559.06	9.00	16.50	2,073.50	.46
LaSalle	999				580.74	429.53	17,308.68	3.71
Livingston	46						999.00	.14
Madison	7						46.00	.007
Marshall	1						7.00	.001
McDonough	6						1.00	.0004
Morgan	0				7.50		6.00	.002
Mercer	25						7.50	.004
Menard	0						25.00	.007
Peoria	4						4.00	.001
Perry	1,333	2,206.84	506.27	773.08	674.48	678.93	6,172.60	1.54
Pike	13,608	3,371.77	995.18	887.62	1,074.78	1,060.11	20,997.46	7.58
Pope	1						1.00	.0002
Randolph	0						26.00	.009
Saline	2,409	1,487.18	392.35	241.00	410.20	19.00	5,441.67	1.43
Scott	5,524	2,603.60	309.06	405.60	191.00	224.00	9,257.26	3.76
Schuyler	1						1.00	.0006
Stark	1,281	677.21					1,959.21	.70
St. Clair	236	354.53	150.98	217.66	246.47	195.35	1,901.39	1.04
Vermilion	6,536	3,763.80	981.00	641.70	613.10	396.80	5,131.86	3.06
Washington	4,096	693.65	118.81	130.21	78.99		5,131.86	.99
Will	5,030	696.20	212.42	164.20	183.10	141.71	10,000.00	.007
Williamson	8,227	2,589.08	484.02	504.75	509.70	542.88	12,826.63	1.20
TOTALS	107,001	31,399.86	7,127.74	6,711.39	7,071.76	6,677.08	165,988.83	.463

**TABLE VI****WASTE DISPOSAL PERMITS**

Gob Permits	Acreage
<u>31</u>	<u>388.22</u>
Slurry Permits	Acreage
<u>22</u>	<u>797.27</u>

One gob area of 16.6 acres was reclaimed. Surety bond was released



**RULES AND REGULATIONS  
PERTAINING TO THE SURFACE-MINED  
LAND CONSERVATION AND RECLAMATION  
ACT**

**STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS**



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## CHAPTER I

### INTRODUCTION

#### Rule 101—Authority

These Rules and Regulations implement the Surface-Mined Land Conservation and Reclamation Act, P.A. 77-1568, effective September 17, 1971. They apply to all surface mining activity conducted in the State on and after the date of their adoption by the Director.

#### Rule 102—Definitions

Whenever used or referred to in these Rules and Regulations, unless a different meaning clearly appears from the context:

- (a) “Acid forming materials” means those materials capable of producing toxic conditions when exposed.
- (b) “Act” means the Surface-Mined Land Conservation and Reclamation Act of Illinois.
- (c) “Affected land” in addition to the meaning ascribed in the Act means as area of land from which, on or after September 17, 1971, overburden is removed for surface mining or upon which overburden or refuse is deposited. It also means any area of land utilized for drainage ditches, haulage roads, slurry pond impoundments and gob disposal areas which are constructed, created, extended, enlarged or expanded on or after September 17, 1971 with regard to any new or pre-existing surface mining operation or related activity.
- (d) “Box cut” means the first open cut which results in the placing of overburden on unmined land adjacent to the initial pit and normally outside of the area to be mined.
- (e) “Consolidated materials” means materials of sufficient hardness or ability to resist weathering and to inhibit erosion or sloughing.
- (f) “Department” means Department of Mines and Minerals, or such department, bureau, or commission as may lawfully succeed to the powers and duties of such Department.
- (g) “Director” means the Director of the Department of Mines and Minerals or such officer, bureau or commission as may lawfully succeed to the powers and duties of such Director.
- (h) “Final cut” means the last pit created in a surface-minded area.

- (i) "Geographically distinct mining site" means pit or pits associated with the same processing plant, which have similar soil types, vegetation, topography and land uses,
- (j) "Gob" means that portion of refuse consisting of waste coal, rock, pyrites, slate, or other unmerchantable material of relatively large size which is separated from the mineral in the cleaning process.
- (k) "High wall" means that side of the pit adjacent to unmined land.
- (l) "Operator" means any person, firm, partnership or corporation engaged in and controlling a surface mining operation, and includes political sub-divisions and instrumentalities of the State of Illinois.
- (m) "Overburden" means all of the earth and other materials which lie above natural deposits of coal, clay, stone, sand, gravel, or other minerals, and also means such earth and other materials disturbed from their natural state in the process of surface mining.
- (n) "Permit Year" means the period of time between July 1 of one year to June 30 of the following year inclusive.
- (o) "Pit" means a tract of land, from which overburden has been or is being removed for the purpose of surface mining.
- (p) "Reclamation" means conditioning areas affected by surface mining to achieve the purpose of the Act and Rules and Regulations made pursuant thereto.
- (q) "Refuse" means all waste materials directly connected with the cleaning and preparation of minerals mined by surface mining and discarded equipment and machinery.
- (r) "Slurry" means that portion of refuse separated from the mineral in the cleaning process, consisting of fines and clays in the preparation plant effluent, and which is readily pumpable.
- (s) "Surface mining" means the mining of any minerals by removing the overburden lying above natural deposits thereof, and mining directly from the natural deposits thereby exposed.
- (t) "Surface Mining Permit" means Permit to Engage in Surface Mining.
- (u) "Toxic conditions" means any conditions that will not support higher forms of plant or animal life in any place in connection with or as a result of the completion of surface mining.

- (v) “Area Coal Strip Mines” means those mines whose operations involve more than five cuts in an unmined topography with slopes less than 20% grade.

## CHAPTER II

### PERMITS

#### Rule 201—Who Must Apply for a Permit

- (a) A surface mining permit shall be required where:
- (1) Overburden exceeds 10 feet in depth, or
  - (2) where the surface mining and overburden area will affect more than 10 acres during the Permit Year.
- (b) Gob Refuse disposal areas and slurry ponds created or laterally extended in conjunction with surface mining operations for which a permit is necessary as described in (a) above shall require prior permits by the Department.

#### Rule 202—How to Calculate Affected Acreage

In order to calculate affected acreage for permit purposes under the Act and these Rules and Regulations, land shall be counted as being affected only one year during the life of a bond, and said land shall be affected during the permit year it is initially mined or converted to refuse disposal use.

“Affected land”, following reclamation and release of bond, shall revert back to its original character and should an application be made to reopen or remine the same land or a portion thereof, the same shall be governed by the provisions of the Act as if never before mined or affected.

#### Rule 203—Types of Permits

The following types of permits shall be issued by the Department:

- (a) Surface Mining Permit
- (b) Gob Refuse Disposal Permit
- (c) Slurry Pond Refuse Disposal Permit

No operator to whom there is issued a permit to engage in surface mining by this Department may create or extend gob piles or slurry ponds for refuse disposal without the prior permit issued by the Department upon the conditions hereinafter specified.



### Rule 204—Where and How to Apply for a Permit

- (a) Applications, notices, and other communications under the Act and these Rules and Regulations shall be:
  - (1) delivered to an authorized representative of the Surface Mine Land Reclamation Division of the Department, or
  - (2) addressed to: State of Illinois  
 Department of Mines and Minerals  
 Surface-Mined Land Reclamation Division  
 State Office Building  
 Springfield, Illinois 62706
- (b) For purposes of the Act and of these Rules and Regulations mail shall be deemed to have reached the Department on that day when it is actually received by the Department or an authorized representative of the Surface Mined Land Reclamation Division of the Department.
- (c) All forms submitted to the Department shall be executed by the operator, or his authorized representative.
- (d) A separate permit shall be required for each geographically distinct mining site.
- (e) A separate application shall be submitted for each type permit.
- (f) Applications for permits shall be submitted on official forms provided by the Department.

### Rule 205—When to Apply for a Permit

- (a) Validity Period
  - (1) A Surface Mining Permit shall be valid from the date of issuance until the next June 30.
  - (2) A Gob Refuse Disposal Permit shall be valid from the date of issuance for the active life of the disposal area.
  - (3) A Slurry Pond Refuse Disposal Permit shall be valid from the date of issuance for the active life of the disposal area.
- (b) Time for Application
  - (1) A Surface Mining Permit application shall be submitted not later than:
    - (a) 60 days prior to the beginning of a new Permit year, or
    - (b) 60 days prior to the beginning of any new surface mining operation.

- (2) A Gob Refuse Disposal Application shall be submitted not less than 60 days prior to the proposed effective date of the disposal permit.
- (3) A Slurry Pond Refuse Disposal Application for Permit shall be submitted not less than 60 days prior to the proposed effective date of the permit.
- (c) Failure to Timely Apply for a Permit

Anyone who engages in surface-mining or any of its related activities without a permit as required by the Act and these Rules and Regulations is subject to the penalties set forth in Section 13 of the Act.

## **CHAPTER III**

### **FEES**

#### **Rule 301—Fees Generally**

Applications for permit shall be accompanied by a fee, which shall be in the form of a check made payable to the “Department of Mines and Minerals, State of Illinois”. Each application for a permit shall require a separate fee payment.

#### **Rule 302—Permit Fee Calculation**

##### **(a) Surface Mining Permit**

The fee for a Surface Mining Permit shall be \$50.00 plus \$25.00 for every acre and fraction of an acre of land to be affected during the Permit Year. The permit fee shall only be paid once on an acre of land regardless of the number of Permit Years it is mined, but areas where the overburden is to be removed again and upon which the surety bonds have been released, a new permit will be required.

##### **(b) Refuse Disposal Permits**

The fee for a Gob Refuse Disposal Permit and for a Slurry Pond Refuse Disposal Permit shall be calculated in the same manner as the fee to engage in surface mining. The permit fee shall only be paid once on an acre of land regardless of the active life of a disposal area.

## **CHAPTER IV**

### **BONDS**

#### **Rule 401—Bonds Generally**

Applications for permits shall be accompanied by a bond or security in keeping with Sections 5 and 8 of the Act and with these Rules and Regulations. Each application for a permit shall require a separate bond or security. Bonds shall be issued annually to coincide with the Permit Year.

#### **Rule 402—Bond Calculation**

##### **(a) Surface Mining Permits**

The bond or security required to be filed with the department with each application for a surface mining permit shall be \$600 per acre for rock quarries, sand and gravel, clay, silica and area coal strip mines unless otherwise determined by the Director.

All other permit area bonds or security shall be at the rate of \$1,000 per acre.

##### **(b) Slurry Pond Refuse Disposal**

The Bond or security required to be filed with the Department with each application to create or extend a Slurry Pond Refuse Disposal area shall be \$1,000 per acre to be affected up to five acres, plus such additional amount as will equal \$600 per acre to be affected for all acreage in excess of five acres unless otherwise required by the Director.

##### **(c) Gob Refuse Disposal**

The Bond or security required to be filed with the Department with each application to create or extend a Gob Refuse Disposal area shall be \$1,000 per acre to be affected. No bond shall be required for a Temporary Gob Disposal area as provided in Rule 1301 of these Rules and Regulations.

#### **Rule 403—Bond Requirements**

##### **(a) Form**

Bonds required to be filed with the Department shall be in such form and content as the Director prescribes payable to the "People of the State of Illinois".

##### **(b) Conditions**

Each bond shall conform with Section 8 of the Act and the declared purpose for which the application is filed and shall be in

the amounts prescribed by the Act governing such purpose and the proposed area affected. Further, each bond shall provide that the bond shall not be cancelled by the surety except after not less than 90 days notice to the Department. Such notice shall be served upon the Department in writing by registered or certified mail to the address set forth in Rule 204.

Not less than 10 days prior to the expiration of the 90 days notice of cancellation the operator must deliver to the Department a replacement bond in absence of which all surface mine operations and use of slurry ponds and gob disposal areas must cease.

- (c) **Signature**  
Bonds shall be signed by the operator as principal, and by a good and sufficient corporate surety, approved by the Director and licensed to do business in Illinois as surety.
- (d) **Expiration**  
Bonds shall remain in effect until the affected lands have been reclaimed, approved and released by the Department.
- (e) **Loss of Surety**  
If the license to do business in Illinois of any surety upon a bond filed with the Department shall be suspended or revoked, the operator, within 30 days after receiving notice thereof from the Department, shall substitute for any surety a good and sufficient corporate surety approved by the Director and licensed to do business in Illinois as a surety. Upon the failure of the operator to make said substitution of surety, the Department shall have the right to suspend the permit of the operator until substitution has been made.

#### Rule 404—Bonds Issued Prior to September 17, 1971

Bonds issued prior to September 17, 1971 shall remain in effect until affected lands are reclaimed, approved and released by the Department. Only new bonds shall be accepted for mining initiated under the Surface Mined Land Conservation and Reclamation Act. The bond required for all lands mined under the Act becoming effective September 17, 1971, which are not under bond as of that date, shall be bonded as set forth in this rule.

## CHAPTER V

### PERMIT APPLICATION REQUIREMENTS

#### Rule 501—General Requirements

Each geographically distinct mining site and refuse disposal area shall require a separate permit application, which shall be accompanied by a United States Geological Survey Topographical Map outlining the acreage to be affected and adequately showing the land surrounding the acreage to be affected. Each application for a permit, and each amendment to an application for a permit, submitted to the Department under the Act and these Rules and Regulations shall contain the following requirements:

- (a) a statement of the ownership of the land and of the ownership of the minerals to be mined;
- (b) a list of the minerals to be mined; or from which the refuse was derived;
- (c) the character and composition of the vegetation and wildlife on the lands to be affected;
- (d) the current and past uses of the lands to be affected;
- (e) the current assessed valuation of the lands to be affected and the assessed valuation shown by the two quadrennial assessments next preceding the currently effective assessment;
- (f) the nature, depth and proposed disposition of the overburden;
- (g) the estimated depth to which the mineral deposit will be mined;
- (h) the location of existing roads, and anticipated access and haulage roads planned to be used or constructed in conducting surface mining operations;
- (i) the technique to be used in surface mining;
- (j) the location and names of all streams, creeks, bodies of water and underground water resources within the land to be affected;
- (k) drainage on and away from the lands to be affected including directional flow of water, natural and artificial drainage and waterways, and streams or tributaries receiving the discharge from the mining operations;
- (l) the location of buildings and utility lines within lands to be affected;
- (m) Disclosure of the forfeiture or notice of forfeiture of any reclamation bond or security filed by the applicant or any operator re-

lated to the applicant, with this state or any other state, agency of state government or unit of local government.

“Related to” means (a) a person, corporation or entity, directly or indirectly controlling, controlled by or under common control of an individual, entity or corporation, or (b) an officer or director of an entity or corporation performing similar functions with respect to another entity, corporation or person related to the first mentioned entity or corporation.

- (n) the results of core drillings of consolidated materials in the overburden when required by the Department, provided that the Department may not require core drillings at the applicant’s expense in excess of one core drill for every 25 acres of affected land;

NOTE: Information respecting the minerals to be mined, respecting the estimated depth to which the mineral deposit will be mined, and respecting the results of core drillings if required by the Department shall be held confidential by the Department upon the written request of the operator.

#### Rule 502—Reclamation Plan and Map

Each application for a permit, and each amendment to an application for a permit, submitted to the Department under the Act and these Rules and Regulations shall contain a conservation and reclamation plan for each geographically distinct mining or refuse disposal operation of the lands to be affected during the Permit year. Included with the plan shall be a map with the same scale as recommended in Rule 1604 of the area to be affected designating which parts of the lands shown are to be reclaimed for:

- (a) forest
- (b) pasture
- (c) crop
- (d) horticultural
- (e) homesite
- (f) recreational
- (g) industrial, or
- (h) other uses, including food, shelter and ground cover for wildlife

The reclamation plan, together with the reclamation map, shall:

- (a) provide for timely compliance with all operator duties as set forth in Section 6 of the Act and these Rules and Regulations by feasible and available means, and
- (b) provide for storage of all overburden and refuse.

#### Rule 503—Copies Required

Each application for a permit, and each amendment to an application for a permit, shall be submitted to the Department in duplicate.

## CHAPTER VI

### ROLE OF COUNTY GOVERNMENT IN RECLAMATION

#### Rule 601—Notice

The proposed conservation and reclamation plan and map in duplicate shall be made available for public inspection and for consideration by the county board within whose jurisdiction said lands will be affected by surface mining. The operator shall deliver the plans and maps to the county clerk at the county seat of each county containing lands to be affected prior to filing the plan and map with the Department. An acknowledgement to said effect bearing the signature of the county clerk or his representative, as set forth in MLCR Form 1a, shall be filed with the Department at the time of filing an application for a permit. The date of the plan shall be the same date it is acknowledged by the county clerk pursuant to this rule.

#### Rule 602—Land Use Proposal by County Board

If after the county board has examined the operator's reclamation plan it desires to propose uses for the land within the county to be reclaimed different from those proposed by the operator, the county board may submit to the Department for consideration a comprehensive description of the desired use or uses for which said lands should be reclaimed, including an annotated map of the area to be affected and documentation supporting the desired land use proposal.

All actions by the county board pursuant to the Act shall be filed in writing with the Department within 25 days of the date on which the plan is delivered to the county clerk.

## CHAPTER VII

### DEPARTMENTAL CONSIDERATION OF RECLAMATION PLANS

#### Rule 701—Approval of Plans

The Department shall approve a conservation and reclamation plan if, and only if, the plan complies with the Act and these Rules and Regulations, and if the completion of the plan will in fact accomplish every duty required of the operator. The Department's approval of a plan shall be based on the advice of technically trained foresters, agronomists, economists, engineers, planners and other relevant experts having experience in reclaiming surface mined lands. The Department shall consider the views filed by the county board in writing with the Department. The Department shall consider the short and long term impact of the proposed mining on:

- (a) vegetation,
- (b) wildlife,
- (c) fish,
- (d) land use,
- (e) land values,
- (f) local tax base,
- (g) economy of the region and of the State,
- (h) employment opportunities,
- (i) air pollution,
- (j) water pollution,
- (k) soil contamination,
- (l) noise pollution, and
- (m) drainage.

#### Rule 702—Alternative Land Uses

The Department shall consider feasible alternative land uses for which reclamation might prepare the affected land and shall analyze the relative costs and effects of such alternatives.

#### Rule 703—Notice Requirement

Whenever the Department does not approve the operator's reclamation plan, or whenever the reclamation plan approved by the Department does not conform to the views of the county board expressed in accordance with section 5 of the Act and Rule 602 of these Rules and Regulations, the Department shall issue a statement of the reasons for its determination within 5 days of its decision, copies of which shall be forwarded to the county clerk of each county affected and the applicant.



## **CHAPTER VIII**

### **PUBLIC FILING OF APPROVED PLANS**

#### **Rule 801—Where to File**

The approved reclamation plan shall be filed by the operator with the clerk of each county containing lands to be affected and such plan shall be available for public inspection at the office of the clerk until reclamation is completed and the bond is released in accordance with the provisions of the Act and these Rules and Regulations.

#### **Rule 802—Proof of Filing**

Proof of filing the approved reclamation plan shall be submitted to the Department by an acknowledgement to said effect bearing the signature of the county clerk or his representative, as set forth in MLCR Form 1b.

## **CHAPTER IX**

### **AMENDMENTS TO PERMITS**

#### **Rule 901—Surface Mined Affected Lands**

##### **(a) Increase Affected Acreage**

An operator may make application to amend his Surface Mining Permit to include additional acreage at any time during the Permit Year. Such amendments to increase acreage shall be accompanied by fee and bond or security increases. The fee increase shall be at a rate per acre consistent with the prescribed rate for the new total estimated acreage to be affected. The additional bond or security required shall be at a rate per acre consistent with the Act and Rule 402 of these Rules and Regulations.

##### **(b) Reduced Affected Acreage**

An operator may make application to amend his Surface Mining Permit to reduce acreage covered by Permit, except affected land, at any time during the Permit Year. Upon approval by the Department, the bond shall be reduced proportionally but there shall be no refund of fees.

## (c) Extension of Permit

An operator may request that the Department extend a Surface Mining Permit for another year on acreage under Permit that has not been affected, if not more than 25 percent of the original Permit acreage is involved. A new permit will be required at the regular prescribed fees as stated in Rule 302 for all acreage in excess of the 25 percent. Only one extension will be granted for each Permit. When approved by the Department, such extension shall be made without any additional fee.

## Rule 902—Refuse Disposal Lands

Amendments to Slurry Pond Disposal Permits and Gob Refuse Disposal Permits shall be required prior to the use of lands not under permit. Such amendments to increase affected acreage shall be accompanied by bond or security increases in keeping with the provisions of Section 5 and 8 of the Act and with Rule 402 of these Rules and Regulations.

**CHAPTER X****RECLAMATION PLANNING**

## Rule 1001—Statement

It shall be the responsibility of the Department to encourage operators to consider the advantages of:

- (a) long range reclamation planning, and
- (b) multiple land use.

Long range reclamation planning means determining several years in advance of mining a tract of land how and for what purpose the acreage to be affected will be reclaimed after mining operations are completed on that tract of land. Multiple land use means reclaiming a tract of land for several different, but compatible purposes. For example, a tract of land may be reclaimed on various different portions of the acreage to be affected for the following purposes:

- (a) use as a pasture for farm animals
- (b) use as a recreational area for fishing and picnicking, and
- (c) use as a means of providing food and ground cover for wildlife through the use of trees and shrubs.

The Department shall encourage operators to consult with local and regional planning organizations, as well as local units of government, for advice and assistance in reclamation planning. The Department shall cooperate fully with operators who demonstrate a desire to develop a comprehensive reclamation program for future mined acreage. A long range reclamation program cannot be approved by the Department except as an application for a permit to mine affected acreage is submitted annually, but the Department shall offer opinions as to the feasibility of comprehensive reclamation programs as developed for a specific tract of land upon the request of an operator.

#### **Rule 1002—Determining Uses for Which to Reclaim Land**

On all lands to be affected the operator, in consultation with competent authorities, shall determine which parts of the affected land shall be reclaimed for forest, pasture, crop, horticultural, homesite, recreational, industrial, or other uses including, but not limited to, food, shelter, and ground cover for wildlife. Site conditions and soil capabilities shall be the determining factors when selecting the type of reclamation for a particular area. It is recommended that a trained technician capable of conducting soil sample analysis be consulted.

## **CHAPTER XI**

### **GENERAL RECLAMATION REQUIREMENTS**

#### **Rule 1101—Time Requirement for Completion of Reclamation**

##### **(a) Generally**

All grading requirements provided for in the Act and these Rules and Regulations shall be carried to completion by the operator prior to the expiration of one year after termination of the Permit Year. All other reclamation provided for in the Act and these Rules and Regulations, except gob and slurry areas in active use, shall be carried to completion by the operator prior to the expiration of three years after termination of the Permit Year. Gob and slurry disposal areas shall be reclaimed as provided in Section 6 of the Act and these Rules and Regulations within one year after cessation of active use.

## (b) Exceptions

When extension of the reclamation period is necessary to allow continued mining operation, and to accomplish acceptable reclamation, such extension shall be justified in writing to the Department. It shall be within the discretion of the Department to grant such extension. If lands are not satisfactorily reclaimed and if the Department shall deny request for an extension of the reclamation period, the Department shall declare forfeiture of the surety bond or security on such land not satisfactorily reclaimed or, in the alternative, the Director shall provide that the operator cover such areas within one year with material capable of being vegetated in accordance with vegetative standards adopted by the Department.

## Rule 1102—Grading Requirements

## (a) 15% Requirement

All land affected by surface mining, except as otherwise provided for in the Act and these Rules and Regulations, shall be graded to a rolling topography traversible by machines necessary for maintenance in accordance with planned use. Such slopes shall have no more than a 15% grade.

## (b) 30% Exception

Slopes may exceed a 15% grade in the case of those lands to be reclaimed in accordance with the filed plan for forest plantation, enhancement of wildlife or establishment of recreational sites and side slopes of haulage road inclines to be used for the formation of lakes, but shall not exceed a 30% grade in such cases. The slope of the final cut spoil, the box cut spoil and the outside slopes of all overburden deposition areas shall likewise not exceed a 30% grade.

## (c) Original Grade Exception

The slope of affected lands need not be reduced to less than the original grade of the overburden of that area prior to mining.

## (d) Terrace Requirement

Where good soil conservation practices make it advisable to do so, the Department shall require operators, as stated in Chapter 13 to terrace reclaimed lands for the prevention of excessive erosion.

### Rule 1103—Land Not Requiring Reclamation

In cases where pools or lakes capable of supporting aquatic life may be formed by rainfall or drainage runoff from adjoining land, then the depressed haulage roads or final cuts or any other area to be occupied by pools or lakes shall not require any further reclamation. Likewise, where the Director determines that a road, dry pit bottom or ditch is consistent with and necessary to the conservation and reclamation plan for an area, no further reclamation shall be required.

### Rule 1104—Land Reclaimed for Row-Crop Agriculture

Where the Director determines that the land to be affected is:

- (a) capable of being reclaimed for row-crop agricultural purposes, and
- (b) where the Director further determines that the affected land was used for rowcrop agricultural purposes at any time within five years before the mining, and
- (c) where the Director determines that the optimum future use of the affected land is for row-crop agricultural purposes, then the affected land shall be graded to the approximate original grade of the land. In such cases the final cut and submerged roadways may remain if the Department determines that such final cut or roadways could form a water impoundment capable of supporting desirable aquatic life and having minimum depths in accordance with standards for fish stocking as recommended by the Department. Further, in such cases the box cut spoil shall be graded in accordance with Section 6 of the Act and with these Rules and Regulations.

### Rule 1105—Water Impoundments

All runoff water shall be impounded, drained, or treated so as to reduce soil erosion, damage to unmined lands and the pollution of streams and other waters. The operator shall construct in accordance with Chapter 15 of these Rules and Regulations earth dams, where lakes may be formed, in accordance with sound engineering practices if necessary to impound waters, provided the formation of the lakes or ponds will not interfere with underground or other mining operations; other subsequent uses of the area approved by the Department, or damage adjoining property. Such water impoundments shall be approved by the Department based on the expected ability of the lakes or ponds to support desirable aquatic life and shall have minimum depths in accordance with standards for fish stocking in the various areas of the State recommended by the Department.

### Rule 1106—Covering Toxic Materials

Acid forming materials present in the exposed face of the mined mineral seam or seams shall be covered with not less than 4 feet of water or other materials, which shall be placed with slopes having no more than 30 percent grade, capable of supporting plant and animal life. Final cuts or other depressed affected areas, no longer in use in mining operations, which accumulate toxic waters will not meet reclamation requirements.

### Rule 1107—Vegetative Cover Essential

Unless the approved reclamation plan is inconsistent with vegetative cover, the soil shall be prepared and planted with trees, shrubs, grasses and legumes to provide suitable vegetative cover, in accordance with standards adopted by the Department and as set forth in Chapter 12 of these Rules and Regulations.

### Rule 1108—Minimum Distance of Excavation to Public Right-of-Ways and Adjacent Property Owners

Surface mining operators that remove and do not replace the lateral support within a three-month period shall not, unless mutually agreed upon, by the operator and the adjacent property owner approach property lines, established right-of-way lines of any public roads, streets or highways closer than a distance equal to 10 feet plus  $1\frac{1}{2}$  times the depth of the excavation except where consolidated materials or materials of sufficient hardness or ability to resist weathering and to inhibit erosion or sloughing exists in the highwall, the distance from the property line or any established right-of-way line shall not, unless mutually agreed, be closer than a distance equal to 10 feet plus  $1\frac{1}{2}$  times the depth from the natural ground surface to the top of the consolidated material or materials. When the operator desires to remove the lateral support and replace it within a three month period, the operator shall submit to the Department a written request for said purpose, outlining how the lateral support shall be replaced within three months. Said request shall be approved or denied by the Department in a timely manner.

### Rule 1109—Planting Stock Unavailable

If the operator is unable to acquire sufficient planting stock of desired tree species from state nurseries or acquire such tree species elsewhere at comparable prices, the Department shall grant the operator an extension of time until planting stock is available to plant such land as originally planned, or shall permit the operator to select an alter-

nate method of reclamation in keeping with the provisions of the Act and with these Rules and Regulations.

#### **Rule 1110—Removal of Abandoned Haulage Roads and Mine Drainage Ditches**

All abandoned haulage roads and all mine drainage ditches shall be removed and graded, except where the Director determines that a road or ditch is consistent with and necessary to the conservation and reclamation plan.

#### **Rule 1111—Sanitary Land Fill Requirements**

The reclamation requirements under Section 6 of the Act and these Rules and Regulations do not apply to affected land use for sanitary land fill if such sanitary land fill is approved by the Environmental Protection Agency. The Environmental Protection Agency may regulate the amount of land to be used for that purpose and may establish a time schedule for the orderly and timely completion of such sanitary land fill. Any affected land designated for sanitary land fill and not used for such purpose within 5 years is subject to the reclamation provisions of Section 6 of the Act and these Rules and Regulations. Lands used for sanitary land fill, which are under bond to the Department, shall continue under bond as long as the land is used for sanitary land fill and until the land is approved and released by the Department.

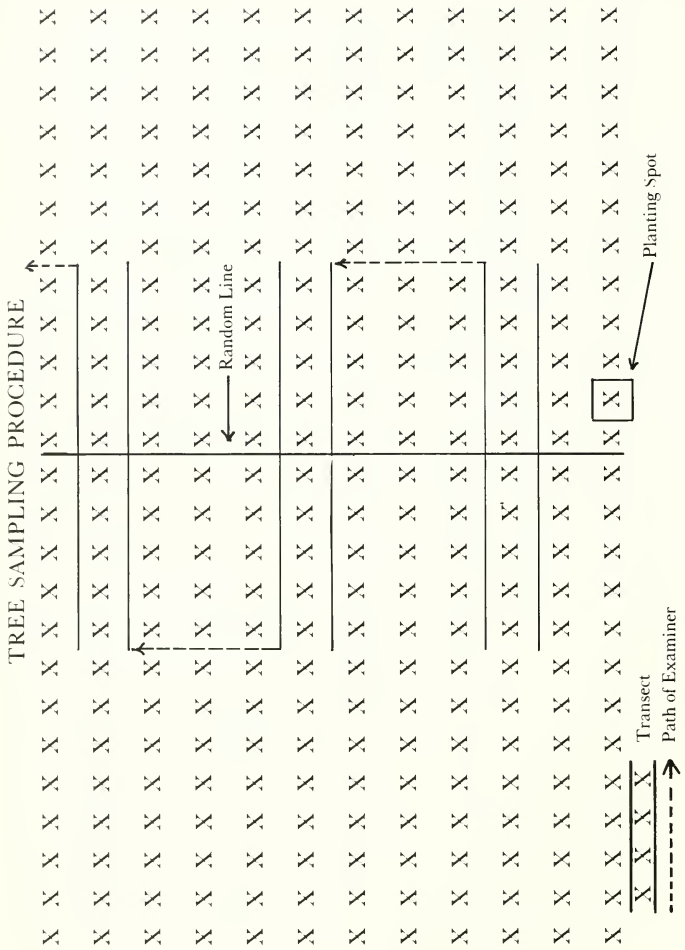
## **CHAPTER XII**

### **CRITERIA FOR TYPES OF LAND RECLAMATION**

#### **Rule 1201—Reforestation**

##### **(a) Minimum stocking standard**

Five hundred (500) trees per acre will be the minimum standard for acceptable stocking after one growing season. In this text the term trees will include acceptable shrubs. Survival counts may be made after the second growing season if requested by the operator. In such a case, four hundred fifty (450) trees per acre will be the minimum standard for acceptable stocking after the second growing season.





## (b) Sampling Procedure to Determine Stocking

Determine the average spacing between planted rows and between trees within rows. From this calculate the number of planting spots per acre (and for the area to be examined) as shown below:

$$\frac{43,560}{\begin{array}{c} \text{Spacing between rows (feet)} \\ \times \\ \text{Spacing between trees in row (feet)} \end{array}} = \text{planting spots/acre}$$

Determine the number of planting spots that must be examined to constitute a 10 percent sample.

Plot four randomly selected lines across the area, perpendicular to the planted tree rows. All planted species will be taken into consideration. Based on the number of rows across a given area, determine the number of rows that must be examined for the 10 percent sample, assuming that 10 or 20 planting spots will be examined along each row.

Locate a series of transects perpendicular to, and balanced along the random lines as shown in the diagram below. The transect's width will extend on either side of a planted row halfway to the adjacent rows. Each planting spot on the transect will be examined and if a living tree, either planted or an acceptable volunteer, occurs then that spot will be tallied as "living" on a tally meter. If no such living trees occur, tally the spot as "dead" on another tally meter. A planting spot will be considered as a rectangle defined by the transect boundaries and extending along a row from a given planted tree half way to adjacent planted trees. After transect tallies have been completed calculate the Percent Survival as follows:

$$\frac{\begin{array}{c} \text{Number of Planting Spots With Live Trees} \\ \text{of Acceptable Species} \end{array}}{\begin{array}{c} \text{Number of Planting Spots With Live Trees} \\ \text{of Acceptable Species PLUS Number of} \\ \text{Planting Spots With Dead Trees or No} \\ \text{Trees or Unacceptable Species} \end{array}} = \text{Percent Survival}$$

Volunteer species that are acceptable or unacceptable will vary for different parts of the State, with compatibility of species, and with soil and site conditions. Acceptability will be based on decisions made by the reclamation technician engaged in an examination of a given site.

The number of acceptable live trees per acre can be calculated by multiplying the percent survival times the number of planting spots per acre.

Both temporary and permanent water and roads will be omitted from the sampling area.

Openings, or failed spots, larger than one quarter acre will be identified on the plan map by the examiner and will not be approved until replanted and the minimum stocking standard attained.

#### Rule 1202—Pasture or Crop

Rates of seeding per acre and cultural methods shall be governed primarily by those suggested in Bulletin 628, "Reclaiming Illinois Strip Coal Land With Legumes and Grasses", University of Illinois Agricultural Experiment Station, or by other research or successful experience with pasture or meadow seedings on Illinois or similar mined lands.

Top quality seed shall be used and it is suggested that seed be used bearing the official state tag giving the purity and germination. Legume seed shall be properly inoculated. Seeding methods, fertilization, weed, insect and disease control shall be in accordance with established methods.

##### (a) Minimum establishment standards

A 65% stand of seeded legumes and/or perennial grass shall be required in August through October of the seeding year or a 85% stand shall similarly be required the year following seeding. If an 85% stand is not achieved the year following seeding the area shall be reworked and reseeded. If approved by the Director in advance, planting to grain or other crops on suitable land shall meet the requirements.

##### (b) Stand sampling procedure

Percent stand shall be determined as follows:

(1) Twenty points shall be selected in the seeded area. The approximate points shall be determined on an aerial photograph by placing a grid over the area on the photograph so that 100 or more intersections fall in the seeded area. Twenty of the intersections shall be selected using appropriate tables of random numbers. These points in the field shall be located within 100 feet from the photograph. The exact point shall be decided by throwing some object without looking. Bare areas will not be avoided.

(2) A twenty foot engineers measuring tape shall be extended directly south of a selected point.

- (3) Whether or not seeded grasses and legumes occur in each .2 foot<sup>2</sup> segments along the tape shall be recorded. If a plant or any part of a plant occurs in a segment that segment shall be considered to have vegetative cover.
- (4) Percent vegetative cover shall be the number of .2 foot<sup>2</sup> segments along the 20 foot tape that have seeded vegetation.

### Rule 1203—Recreational Developments

Each area, regardless the primary land use to be emphasized, should be individually appraised taking into account all factors to ensure potential recreational development and use. It is understood that in those cases where primary use is to be recreation, developments will include only requirements necessary to establish the completed base for a fully operational recreation area. However, all proposals for recreational development shall clearly delineate the potential for a functional operation and plan of maintenance.

Areas may be highly variable in size depending on the type and combination of different activities considered possible, as well as the projected population of users.

- (a) Grading of Displaced Overburden
  - (1) One acre out of ten is to be graded so as to be reasonably level and adequately drained. Such graded areas should be distributed in keeping with planned use.
  - (2) All areas for recreation shall reflect minimal grading requirements (maximum of 30% slope) as specified in Section 6A of the Act.
- (b) Access
  - (1) Maintainable roads shall be established to provide access to lakes and parking sites associated with areas planned for possible future development under the basic recreational plan.
  - (2) Actual location of such roads are to make accessible all portions of the area within a distance not to exceed 1/2 mile and planned so as to connect such roads with all graded acreages. (Refer to (a-1) of this rule.)
- (c) Revegetation
  - (1) A minimum of 30 percent of the total land area shall be planted to trees or shrubs which will maximize wildlife populations and/or contribute to the scenery of the area. These must meet the stand requirements established for reforestation.

- (2) All other land not planted to trees and shrubs shall be seeded to grasses and/or legumes of greatest value to wildlife and which reflect those species considered adaptable to the region as well as which might be most appropriate for the planned recreational use. Stand requirements must be equivalent to those established for pasture.
- (d) Miscellaneous
- (1) A recreational plan should emphasize use of the existing water. For areas where recreation is to be the primary use, unless endowed with other exceptional attributes, these should contain not less than 5 percent of its total area with acceptable water. (at least 8 feet deep and 3 acres in size; 7 to 10 percent is preferable). These waters must be stocked with fish in accordance with recommendations by the Division of Fisheries, Illinois Department of Conservation.
  - (2) Bodies of water, irrespective of size and depth, are desirable for various wildlife and hence should be provided, wherever feasible, with plans for development and management.
  - (3) All aspects of game propagation and management shall be in accordance with recommendations by the Division of Wildlife Resources, Illinois Department of Conservation.
  - (4) Exceptions to regulations should allow for interesting and challenging deviations from the more traditional plans for recreation development so as to permit development of certain scenic or landscaping opportunities, planned sites of isolation, or interesting and unusual hiking and riding trails. Further, exceptions are in order so as to encourage best integration of recreational developments as a part of the total land use concept such as when an area rejects agricultural or forestry as the dominant use. Such exceptions, however, shall not violate the requirements established by the Act with reference to grading and revegetation.
  - (5) Recreational development for water filled quarries, sand excavation, etc. shall include adjacent lands sufficient to permit sites for parking and access. Landscaping shall be so planned as to provide publicly acceptable environments. Where deemed feasible by the divisions of Fisheries and Wildlife Resources, Illinois Department of Conservation, fish stocking and game propagation and management shall be included in the plan for development and maintenance.

## CHAPTER XIII

### RECLAMATION OF GOB DISPOSAL AREAS AND OUTSIDE SLOPES OF ALL OVERBURDEN DEPOSITION AREAS

#### Rule 1301—Temporary Gob Refuse Areas

Gob disposal areas that will be covered with four (4) feet of earth material capable of supporting vegetation within a four month period are exempt from surety bond. The operator shall request permission for the commencement of such a program and keep the Department advised of locations and progress should permission be granted. Establishment of a refuse area without approval shall be considered a violation.

#### Rule 1302—Erosion Control and Vegetation

The slopes of new or laterally extended gob piles and outside slopes of all deposition areas shall be treated with appropriate vegetation and water disposal practices to prevent erosion of the slopes, exposing toxic materials and deposition of sediment below.

#### Rule 1303—Covering

Gob piles not capable of supporting vegetation shall be covered a minimum depth of 4 feet with soil material capable of being vegetated and an acceptable cover shall be established.

#### Rule 1304—Slopes

The outside slope of all overburden deposition areas and gob piles shall not be steeper than 30%.

#### Rule 1305—Vegetative Treatment for Gob Disposal Areas

- (a) Reforestation—Five hundred trees will be the minimum standard for acceptable stocking and shall be determined by the method described in Rule 1201. A nurse crop of oats, rye, rye grass or similar species is suggested to minimize erosion.
- (b) Pasture—A 85% stand of seeded legumes and/or perennial grass shall be required in August through October of the seeding year. Areas not meeting the standard shall be reworked and reseeded.
- (c) Mulching—is suggested at a rate of 2 tons of hay or straw per acre. Mulch should be anchored with asphalt or mulch net.

### Rule 1306—Vegetative treatment

Vegetative treatment for outside slopes of overburden deposition areas shall meet the standards as established in either Rule 1201 or Rule 1202.

### Rule 1307—Engineering Procedure for Erosion Control and Water Disposal

Appropriate water disposal practices, such as diversions and terraces, unless excepted by the Director, shall be applied. These structures will be vegetated as described in Rule 1305.

- (a) Terraces-Slopes having a vertical height greater than 40 feet shall have a terrace constructed at the mid-point of the slope. On slopes having a height greater than 80 feet, two such terraces will be installed at equal intervals. Other methods of interrupting the outside slope of unconsolidated deposition areas, having a height exceeding 40 feet, may be approved by the Director where such measures will effectively control erosion of the slope and sediment deposition on surrounding areas.

- (1) Size-Terraces shall have a minimum top width of 12 feet and a minimum depth of 1.5 foot. The channel may be parabolic, V-shaped, or trapezoidal. The ridge shall have a minimum top width of 3 feet at the design depth and shall have side slopes not steeper than 3:1. They shall be large enough to carry the design flow of the outlet at a safe velocity.

- (2) Slope-Terraces and channels will have a minimum average slope of 0.2 feet per 100 feet to provide drainage to the outlets.

- (3) Outlets-Closed conduit or other acceptable structural outlets shall be provided at the lowest point in the terrace profile to collect and conduct the water stored in the terrace to a stable outlet. The capacity of the outlets shall be such that the available storage in the terrace and the outlet release shall be sufficient to control the 24-hour, 10-year frequency runoff without overflow from the terraces. The outlet must be capable of releasing the stored water in a 24-hour period. These requirements may be met by providing the storage and outlet capacities shown in Table 1.

TABLE 1  
Water Storage-Outlet Capacity

Storage Provided (Watershed Inches)	Minimum Outlet Capacity (cfs per acre of watershed)
Greater than 2.0	0.1
1.0 to 2.0	0.2
0.5 to 1.0	0.4
.3 to 0.5	1.0
Less than 0.3	2.0

NOTE: One acre-inch released in 24-hours equal 0.042 cfs.

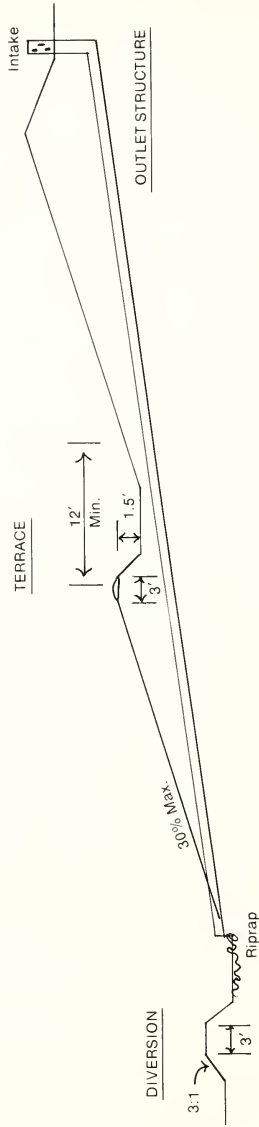
- (b) Water Disposal Above Slopes - The top of the spoil areas shall be away from the outer slope.

The top of gob piles shall be shaped to provide storage for excess rainfall and conduits shall be installed to conduct the collected water to adequate outlets. The entire area shall be uniformly graded to carry all water to satisfactory outlets. The storage area and outlets shall be sufficient to control the 24-hour, 10-year frequency run-off without flowing over outer slope. These requirements may be met by providing the outlet and storage capacities, as described under Section A-3, "Terrace Outlets".

- (c) Diversions - Diversions shall be constructed at the base of all outside deposition areas having a height greater than 40 feet to divert the water from the slopes to areas where it can safely be disposed of.

- (1) Capacity - Diversions must have the capacity to carry the peak run-off from a 24-hour ten-year frequency storm with a free board of not less than 0.5 foot.

# TYPICAL SECTIONS





- (2) Cross Section - The channel may be parabolic, V-shaped, or trapezoidal. The diversion shall be designed to have stable side slopes not steeper than 3:1. The ridge shall have a minimum top width of 3 feet at the design depths. The cross sectional area and the slope shall be such that the design discharge can be safely carried at a non-erosive velocity.
- (3) Outlets - Each diversion must have an adequate outlet. The outlet may be grassed waterway, vegetated area, grade stabilization structure, or stable water course.
- (d) Closed Conduits or other acceptable structural outlets for Terrace and Storage Area Outlets

Closed conduit or other acceptable structural outlets shall be designed for a minimum 50-year life. Materials meeting appropriate ASTM's and Commercial Standards shall be selected for this purpose. Materials selected shall be consistent with the corrosive nature of the materials in which they are placed. They shall be strong enough to withstand the loads due to fill and settlement.

- (1) Size - The minimum size of closed conduits will be 4 inches.
- (2) Intakes-Where the amount of water stored is less than 0.5 watershed inches, an intake or riser extending above the ground shall be included to direct the flow into the underground outlet.

The intake shall be of sturdy construction and securely connected to the outlet conduit. The minimum height of the inlet shall be 18 inches. Openings shall be placed in the inlet from the ground level to the top to permit flow to enter and restrict the entrance of trash. Openings shall be slots 1 inch wide and 4 inches high, or shall be the equivalent. Openings shall be sufficiently numerous to pass the required flow even when some are obstructed. Where less than 0.5 watershed inches of storage are provided, the outlets shall be sized as full-flow structures having appropriate inlets at the entrance. If a large number of storage areas will be emptied with a common underground outlet, overtopping of lower storage areas may occur if the same conduit size is used throughout. This should be prevented by providing appropriate conduit sizes, grades, or restricting devices at inlets, to prevent pressure flow in the outlets.

- (3) Outlet Protection-Where the flow from the outlets will cause erosion at the discharge point, riprap or other suitable protection will be provided.

- (4) Installation-The pipe conduit or other acceptable structural outlet shall be placed on a firm foundation to the lines and grades shown on the plans. The width of the pipe trench shall be a minimum of 2.5 diameter of the pipe. The bottom of the trench shall be shaped to receive 1/6 of the periphery of the pipe. The trench shall be sloped on a minimum of 1:1. Selected backfill material shall be placed around the pipe in 6-inch (maximum) layers and each layer shall be thoroughly compacted by hand-held compactors. Compaction equipment such as a sheepsfoot roller, shall not be used within two (2) feet of the pipe. The area over the pipe shall be crowned a minimum of three (3) inches to provide for settlement.

## **CHAPTER XIV**

### **RECLAMATION OF SLURRY POND DISPOSAL AREAS**

#### **Rule 1401—Screening Vegetation Engineering Practices**

Slurry must be confined in depressed mined areas or areas bounded by levees or dams constructed from material capable of supporting acceptable vegetation and built in accordance with sound engineering practices. Such areas shall be screened with border plantings of tree species which by their seeding habits will encourage propagation of vegetation to these areas, and levees or dams built to confine slurry shall be established to adapted species of grasses. The stand requirements shall meet the standards established in Rule 1202. Levees and dam construction methods are described in Chapter XV.

## **CHAPTER XV**

### **WATER IMPOUNDMENT STRUCTURES**

#### **Rule 1501—Dams**

These regulations establish the minimum acceptable standards for the design and construction of water impoundment structures under the Surface-Mined Land Conservation and Reclamation Act when failure of the structures would not result in loss of life; in damage to homes, commercial or industrial buildings, main highways, or railroads, or in interruption to the use or service of public utilities.

The standards established here are applicable to structures where the vertical distance between the lowest point along the centerline of

the dam and the top of the dam does not exceed 30 feet. For structures in excess of this height a registered engineer in the state of Illinois shall prepare the necessary plans and specifications as required by the Department.

#### Rule 1502—Site Conditions

The maximum practical use of good sites shall be encouraged including the multiple use of the stored water, and possible future needs for additional water during the effective life of the structure.

- (a) **Depth of Water**—The minimum depth for impoundment water shall be in accordance with paragraph 6b of the Act except when such impoundments are to be used in connection with water treatment or industrial use only.
- (b) **Foundation**—The soil on which an embankment is to be placed shall consist of material that has sufficient bearing strength to support the embankment without excessive consolidation. The foundation shall consist of, or be underlain by, relatively impervious material which will prevent excessive passage of water.

The foundation area shall be cleared of all trees, stumps, roots, brush, boulders, sod, and debris. All channel banks and sharp breaks shall be sloped to no steeper than 1:1. All topsoil containing excessive amounts of organic matter shall be removed. The surface of the foundation area shall be thoroughly scarified, moisture adjusted to facilitate compaction and completed in accordance with the requirements for the embankment, before placement of the embankment material. Cutoff trenches shall be used except in cases which are exempt by the Department. When used, a cutoff trench shall be excavated to a more impervious material underlying the base of the embankment and shall be backfilled with suitable material as specified for earth embankment, Rule 1504 (e).

#### Rule 1503—Design Criteria

Site conditions shall be such that the design storm runoff, as indicated under "Design Criteria", can be safely passed through spillways provided.

- (a) **Principal Spillway**: The following are the minimum requirements for the principal spillway:
  - (1) **Drainage area 10 acres or less**—A minimum of a 4-inch diameter smooth or 6-inch diameter corrugated metal pipe shall be provided. A well vegetated earth spillway may be

approved by the Department as a principal spillway provided it is properly designed to convey the peak flow to a stable grade to a minimum point 10 feet past the toe of the embankment.

- (2) Drainage area 10-30 acres—A pipe conduit spillway is required. The minimum pipe size shall be 6" smooth or 8" corrugated metal pipe.
- (3) Drainage area 30-250 acres and all areas having a potential of creating a hazard to life or property—A registered engineer in the State of Illinois shall prepare the necessary plans and specifications as required by the Department.

(b) Pipe Conduits and Outlets

The outlet pipe shall discharge the peak flow to a stable grade to a minimum point 10 feet past the toe of the embankment. The following pipes are acceptable: Cast-iron, wrought iron, steel, asphalt coated corrugated metal, and concrete. All pipe joints shall be made water-tight by the use of water-tight couplings or gaskets, or by welding or caulking. Concrete pipe shall meet the requirements of ASTM specification C-76 or equivalent and shall be laid in a concrete bedding or cradle. Corrugated pipe shall be at least 16 gauge and smooth steel shall be at least 3/16 inch in thickness. All pipe shall be capable of withstanding the external loading.

The pipe conduit barrel shall be placed on a firm foundation to the lines and grades shown on the plans. Selected backfill material shall be placed around the conduit in 6 inch layers and each layer shall be thoroughly compacted by means of hand held tampers.

The flowline of the outlet and of the pipe, shall be at least 2 feet, but not more than 4 feet, above the flowline of the outlet channel. The outlet shall be placed on an earthen berm or timber or concrete support. If the pipe diameter exceeds 12" and the grade downstream is unstable, a timber or a concrete prop shall be provided. All pipes 30" or larger and all pipes discharging continuous or prolonged flows shall be propped. Protection shall be provided to prevent the development of a scour hole which will undermine the pipe or its support. Stability checks, when required, shall be based on maximum pipe discharge. Although "propped" outlets are in most common usage, "standard", "flared", or "Saint Anthony Falls (SAF)" outlets are also acceptable when the grade below is stable.

(c) Anti-Seep Collars

Concrete or metal anti-seep collars shall be installed around the

pipe conduit within the normal saturation zone. The anti-seep collars and their connections to the pipe shall be watertight. Sufficient collars shall be provided to increase the length of seepage along the pipe by 20 percent. The length of seepage along a collar shall be taken as 2 times the minimum projection of the collar measured perpendicular to the pipe. The upstream collar shall be placed 10-15 feet from the inlet of the conduit. Additional collars shall be spaced at not greater than 25 feet intervals.

(d) Trash Guards

Where necessary to prevent clogging of the conduit, an approved type of trash guard shall be installed at the inlet or riser.

#### Rule 1504—Earth Embankment

- (a) Top Width—The minimum top width of the embankment shall be 8 feet for embankments less than 10 feet in height and 12 feet for embankments between 10 to 20 feet in height. For embankments exceeding 20 feet in height, a registered engineer shall prepare the plans and specifications as required by the Department.
- (b) Side Slopes—The upstream slope shall be no steeper than 2.5 horizontal to 1.0 vertical, and the downstream slope shall be no steeper than 2.0 horizontal to 1.0 vertical. The combined upstream and downstream side slopes of the settled embankment shall not be less than 5 horizontal to 1 vertical.
- (c) Freeboard—The minimum elevation of the top of the settled embankment shall be 3.0 feet above the water surface in the reservoir with the principal spillway flowing at design depth.
- (d) Allowance for Settlement—Allowance for settlement shall be made throughout the design. The height of the embankment shall be increased by the amount needed to insure that the design top elevation shall be maintained after all settlement has taken place. This increase shall be not less than 10 percent. Ordinarily, any point on the constructed slopes should not vary from the planned slope by more than 1 foot horizontally or 6 inches vertically.
- (e) Placement of Fill—The material placed in the embankment shall be free of sod, roots, frozen soil, and other objectionable material. All acid producing material must be excluded from the embankment.

The placing and spreading of the embankment material shall be started at the lowest point of the foundation and brought up in approximately 9 inch horizontal layers. Each layer shall be thoroughly compacted as required by the Department by controlled movement of

equipment. The moisture content of embankment material shall be such that compaction can be obtained with the equipment used.

The distribution and gradation of materials throughout the embankment shall be such that there will be no lenses, pockets, streaks, or layers of material differing substantially in texture or gradation from the surrounding material. The most impervious material shall be used in the center portion of the fill.

A protective cover shall be established on all exposed surfaces of the embankment, spillway, and borrow areas. It is recommended that top soil be placed on the back slope and the front slope above the water line and on the top of the fill to facilitate the establishment of vegetation. The earth fill and spillway areas will be fenced to exclude livestock unless excepted by the Director of the Department.

- (f) **Foundation Cutoff (Core-Trench)**—A cutoff of relatively impervious material shall be provided under the embankment except when an impervious base such as a haulage road forms the foundation. In this case the foundation shall be adequately scarified and recompacted. The cutoff, when used, shall extend along the centerline of the embankment and its abutments as required and be deep enough to extend into a relatively impervious layer. The layer of impervious material shall be thick enough to provide stability.

The cutoff shall have a bottom width and side slopes adequate to accommodate the equipment used for excavation, backfill, and compaction operations. The side slopes shall not be steeper than 1 horizontal to 1 vertical. The cutoff shall be backfilled with suitable material. Compaction, as required by the Department, shall be obtained by controlled movement of equipment. The trench, if feasible, shall be kept free of standing water during backfill operations.

- (g) **Embankment Drains**—Where toe drains are used, they should be placed one-half the distance from downstream toe of fill and the center line of fill. Drains are strongly recommended when the embankment or its foundation consist of highly permeable soils and/or embankments greater than 20 feet high.

#### Rule 1505—Levees

Levees are constructed to confine slurry within a designated area.

Conditions where practice applies: Areas bounded by levees shall be such that practical and economical construction, accessibility and maintenance can be obtained. Mineral soils which are stable in levee embankments shall be used for construction. The use of organic soils is not permissible.

Design Criteria: The design and installation shall be based on engi-

neering surveys and investigations.

- (a) **Height**—The design height of the earth levee shall be equal to the sum of the requirements for deposit of slurry, allowance for wave height, freeboard, and settlement. Estimates of wave heights shall be based on local experience, or on hydraulic studies. A pipe outlet of a size acceptable to the Department shall be installed with a minimum difference in elevation of 3 feet between the lowest point on the rim of the levee and the invert of the outlet pipe. In no case shall the final elevation of slurry or water level on the slurry pond be closer to the lowest point on the rim than 3 feet.

The allowance for settlement shall be based on consideration of the properties of the soil material and the anticipated compaction but shall be not less than 10 percent of the design height.

- (b) **Cross-Section**—A maintenance road shall be constructed and maintained on top of all levees.

The minimum requirements for the cross-section of the levees shall be as follows:

<b>Design Slurry Height</b>	<b>Minimum Top Width</b>	<b>Steepest Side Slope</b>
Feet	Feet	Feet
0-10	12	2:1
10-25	12	2 ½ : 1
Over 25		

(A registered engineer in the state of Illinois shall prepare plans and specifications as required by the Department)

Side slopes of 3:1 on water side and 2:1 on land side may be used instead of 2 ½ : 1 for each side. The combined water side and land side, side slopes of the levee shall not be less than 5 horizontal to 1 vertical.

- (c) **Ditches and Borrow Pits**—Minimum berm widths between the toe of the levee and the edge of an excavated channel or borrow, shall be:

<b>Fill Height</b>	<b>Minimum Berm Width</b>
Under 6 feet	10 feet
Over 6 feet	15 feet

A land-side ditch or borrow pit shall be far enough away from the levee so that a line drawn between (1) the point of intersection of the



design water line with the water side of the levee, and (2) land-side toe of the levee at the ground line, shall not intersect its cross-section.

- (d) **Pipe Conduits and Outlets**—The outlet pipe shall discharge the peak flow to a stable grade to a minimum point 10 feet past the toe of the embankment. The following pipes are acceptable: Cast-iron, wrought iron, steel, asphalt coated corrugated metal, and concrete. All pipe joints shall be made water-tight by the use of water-tight couplings or gaskets, or by welding or caulking. Concrete pipe shall meet the requirements of ASTM specification C-76 and shall be laid in a concrete bedding or cradle. Corrugated pipe shall be at least 16 gauge and smooth steel shall be at least 3/16 inch in thickness. All pipe shall be capable of withstanding the external loading.

The pipe conduit barrel shall be placed on a firm foundation to the lines and grades shown on the plans. Selected backfill material shall be placed around the conduit in 6 inch layers and each layer shall be thoroughly compacted. The flowline of the outlet end of the pipe, shall be at least 2 feet, but not more than 4 feet, above the flowline of the outlet channel. The outlet shall be placed on an earthen berm or timber or concrete support. If the pipe diameter exceeds 12" and the grade downstream is unstable, a timber or a concrete prop shall be provided. All pipes 30" or larger and all pipes discharging continuous or prolonged flows shall be propped. Protection shall be provided to prevent the development of a scour hole which will undermine the pipe or its support. Stability checks, when required, shall be based on maximum pipe discharge. Although "propped" outlets are in most common usage, "Standard", "flared", or "Saint Anthony Falls (SAF)" outlets are also acceptable when the grade below is stable.

All conduits through the levee below the design highwater line shall be equipped with anti-seep collars designed to increase the distance of the seepage line along the conduit by at least 20 percent.

- (e) **Core Trench**—A foundation cutoff or core trench shall be installed where there are layers of permeable soils or layers creating a piping hazard through the foundation at a depth less than three-fourths the height of the levee below natural ground level. The cut-off trench shall be of sufficient depth and width and backfilled with select soil to minimize such hazard.
- (f) **Vegetative Cover and Riprap**—CONSTRUCTION: the soil on which a levee is to be placed shall consist of material that has sufficient bearing strength to support the levee without excessive consolidation. The foundation must consist of, or be underlain by, relatively impervious material which will prevent excess passage of water.



The foundation area shall be cleared of all trees, stumps, roots, brush, boulders, sod, and debris. All channel banks and sharp breaks shall be sloped to no steeper than 1:1. All topsoil containing excessive amounts of organic matter shall be removed. The surface of the foundation area shall be thoroughly scarified before placement of the levee embankment material.

Cutoff trenches shall be used except in cases which are exempt by the Department. When used, a cutoff trench shall be excavated to a more impervious material underlying the base of the levee embankment and shall be backfilled with suitable material in the manner specified below. The trench shall be kept free of standing water during backfill operations.

The material placed in the levee fill shall be free of sod, roots, frozen soil, and other objectionable material. All acid producing material must be excluded from the fill. The placing and spreading of the fill material shall be started at the lowest point of the foundation, and brought up in approximately 9 inch horizontal layers. Each layer shall be thoroughly compacted as required by the Department by controlled movement of equipment. If the fill material is of varying texture and gradation, the most impervious material shall be placed toward the water side of the levee.

A banquette shall be placed to reinforce the land-side toe where a levee crosses an old channel or where excessively-porous fill or poor foundation conditions justify such reinforcement. Such banquettes shall be used if during construction the channel crossing is under water or saturated.

The design shall include a top width of the banquette equal to or greater than the fill height of the levee above the top of the banquette. The banquette top shall be finished to an elevation not less than a foot above normal ground level and it shall be sloped towards the land side for drainage. The land side slope of the banquette shall be not steeper than the land side slope of levee.

An alternate design of the banquette may be used where design is based on detailed site investigation, laboratory analysis and adequate compaction will be obtained.

## **CHAPTER XVI**

### **AFFECTED ACREAGE MAP**

#### **Rule 1601—When to File**

On or before September 1 of each year, every permit holder shall

submit to the Department, MLCR Form 3, "Detail Map of Affected Land", meaning land from which the overburden has been removed, together with the unmined land upon which the overburden is deposited, and all haulage roads and drainage ditches.

#### Rule 1602—Execution

The forms shall be duly executed and a map or maps shall be attached showing the land affected during the Permit Year just ended. The Department may require the map to be executed by an engineer registered in the State of Illinois.

#### Rule 1603—Form

The map shall be planned as a continuous map, as far as possible, so that the land affected each year may be added and indicated on the map by the dates it was affected. All maps are to be blue or black line prints or scaled aerial photographs.

#### Rule 1604—Scale

The scale of the map shall be reasonable to the area of land affected so as to show necessary detail and so that the area affected may be included within a map, width not to exceed 42 inches.

SUGGESTED SCALES: (Up to 10 acres	-	1" = 100'
(Up to 40 acres	-	1" = 200'
(40 acres and above	-	1" = 400'

#### Rule 1605—Detail

All maps shall show sections, township, range and county lines coming within the scope of the map; access to the area from the nearest public road and all weather roads within the mined area; a title containing name of operator, address, scale of map, by whom map was drawn, name of surveyor or engineer.

#### Rule 1606—Amendment to Permit Required

If the area of affected land is in excess of the estimated acreage in the original permit and any amendments thereto, an application for an amendment to the permit necessary to correct such discrepancy together with required fees and bond, shall accompany MLCR Form 1.

## **CHAPTER XVII**

### **VIOLATIONS AND FORFEITURE**

#### **Rule 1701—Notice of Violation**

The Department shall give written notice by registered or certified mail to the operator of any violation of the Act or noncompliance with any of these Rules and Regulations. The operator shall have 45 days to correct the deficiency or deficiencies set forth in the notice.

#### **Rule 1702—Forfeiture Proceedings**

If corrective measures, approved by the Department are not commenced within 45 days, the Department may initiate forfeiture proceedings against the operator in the amount of the bond or security in effect at the time of default for every acre or portion thereof with respect to which the operator has defaulted. Prior to initiating forfeiture proceedings against the operator, the Department shall notify the operator in writing of the alleged violation or non-compliance and shall afford the operator the right to appear before the Department at a hearing to be held not less than 30 days after the receipt of such notice by the operator. At the hearing the operator may present for the consideration of the Department statements, documents and other information with respect to the alleged violation. After the conclusion of the hearing, the Department shall either withdraw the notice of violation or shall request the Attorney General to institute proceedings to have the bond of the operator forfeited as to the land involved.

#### **Rule 1703—Penalty for Forfeiture**

Any operator against whom forfeiture proceedings have been required shall not be issued a permit for further surface mining in Illinois except if he provides additional assurances satisfactory to the Director that such proceedings shall not again become necessary.

## **CHAPTER XVIII**

### **BOND RELEASE PROCEDURE**

#### **Rule 1801—Full Release of Bond**

As soon as all reclamation work prescribed in the conservation and reclamation plan approved by the Department is completed, the oper-

ator may notify the Department by completing and forwarding MLCR Form 6, "Notice of Completed Reclamation" to the Department. Upon receipt of MLCR Form 6, "Notice of Completed Reclamation," the Department shall proceed as soon as practical to make its determination as to approval of the reclamation work and shall either forward the "Notice of Release," MLCR Form 7, to the operator and the bonding agency or notify the operator in writing of all reasons for disapproval.

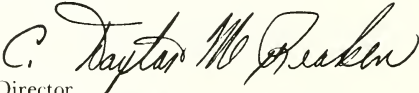
#### Rule 1802—Partial Release of Bond

An operator may have the amount of the bond or security reduced to \$100 per acre when the Department determines that grading and construction of soil conservation structures and covering with materials capable of supporting vegetation in accordance with the conservation and reclamation plan has been satisfactorily completed on a parcel of affected land. As soon as all the grading work prescribed in the conservation and reclamation plan approved by the Department is completed, the operator may notify the Department by completing and forwarding MLCR Form 6, "Notice of Completed Grading". The Department shall proceed as soon as practical to make its determination as to approval of the grading work and either forward the "Notice of Partial Release," MLCR Form 7, to the operator and the bonding agency or notify the operator in writing of all reasons for disapproval. After partial release of the bond, the \$100 bond per acre or security shall then remain in effect until the reclamation process is completed.

#### Rule 1803—Filing with Secretary of State

These Rules and Regulations shall become effective 10 days following the filing of a certified copy thereof by the Director with the Secretary of State of the State of Illinois.

In witness thereof I herewith set my hand and  
cause to be affixed hereto, the seal of my  
office on the 4th day of April A.D. 1972 at  
Springfield, Illinois.



Director  
Department of Mines and Minerals  
State of Illinois





## **DIVISION OF OIL AND GAS**

State Office Building, Room 704

400 South Spring Street

Springfield, Illinois

George R. Lane, Petroleum Engineer

## **OIL AND GAS BOARD**

Chairman: C. Dayton McReaken, Acting Director of the Department  
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Hearing Officer . . . . . Rex Brown, Suite 549-553 Citizens  
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Clerk Stenographer . . . . . Cindy Hilbert, 821 North Grove, Vir-  
den, Illinois







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**THE MOST ACTIVE OPERATORS IN ILLINOIS DURING  
1971 ON THE BASIS OF OIL PERMITS ISSUED**

- FIRST: C. E. Brehm d/b/a C. E. Brehm Drilling & Producing, P.O. Drawer #648, 1318 Salem Road, Mt. Vernon, Illinois 62864
- SECOND: Marathon Oil Company, Box 66, 301 South Cross, Robinson, Illinois 62454
- THIRD: Homeier Oil Associates, 29 Fairview Lane, Springfield, Illinois 62707
- FOURTH: National Associated Petroleum Company, P.O. Box 745, Mt. Vernon, Illinois 62864
- FIFTH: Texaco, Inc., R.R. #4, Salem, Illinois 62881
- SIXTH: John M. Zanetis, 1060 West Main St., Box 89, Olney, Illinois 62450
- SEVENTH: Elton M. Botts, 2817 Western Avenue, Mattoon, Illinois 61938
- EIGHTH: Aladdin Oil Development Company, 519 White City Blvd., Springfield, Illinois 62703
- NINTH: John Carey Oil Company, 2816 Watrous, Des Moines, Iowa 50321
- TENTH: Joe A. Dull, 1909 Olive Street, Mt. Vernon, Illinois 62864

## DIVISION OF OIL AND GAS

The Division of Oil and Gas of the Department of Mines and Minerals is required to enforce the provisions of "An Act in Relation of Oil, Gas, Coal and Other Surface and Underground Resources," and the Rules and Regulations formulated pursuant to the provisions of the Act.

It is the duty of the Division to see that oil wells are properly spaced; to control the drilling and plugging of oil wells and wells drilled in connection therewith; to see that necessary precautions are observed to protect the workable coal seams through which wells are drilled and to prevent pollution of land and fresh water supplies resulting from oil field operations.

Permits must be obtained from the Division of Oil and Gas before wells are drilled for oil, gas, watersupply, water input, gas input, air input, salt water disposal, and structure test. In 1971, 1,412 such permits were issued. The Law requires that for each well drilled or acquired, the operator must furnish the Division with bond coverage to guarantee the eventual plugging of the well and the satisfactory restoration of the well site. The State oil well inspectors are in attendance to supervise the plugging of all abandoned drill holes, which in 1971 numbered 1,600.

The Division furnishes copies of permits and plugging affidavits to the State Geological Survey, and is charged with the responsibility to seeing that well logs and cuttings are sent to the Survey. The Division also receives and records completion data on wells drilled.

The Rules and Regulations of the Division provide for the calling of public hearings, upon written request of any interested person, for the purpose of taking action with regard to any matter within the jurisdiction of the Department. All such hearings are made of record in the Division and are open to public inspection.

The Oil and Gas Board consists of four members and the Director of the Department, and is subject to call by the Mining Board for advice and consultation on matters pertaining to the oil and gas industry.

# DEPARTMENT OF MINES AND MINERALS

## DIVISION OF OIL & GAS

May 8, 1972

**PETROLEUM ENGINEER**

**GEORGE R. LANE**, Springfield, Illinois . . . . . Office Telephone 217-525-7756  
 Home Address - 100 Andover Drive . . . . . Home Telephone 217-546-1100

**WELL INSPECTORS**

APPLEGATE, Glen, R.R. #2, Casey 62420 . . . . .	217-932-2050	Clark, Edgar, Vermilion, (Temp.) Cumberland
BECHTEL, Elwyn E., Belle Rive, 62810 . . . . .	618-756-2291	Jefferson, Marion
CLIFTON, Everett Riley, 1108 Champaign, Mattoon 61938 . . . . .	217-234-7464 Res. 217-234-8016 Off.	Champaign, Coles, Douglas, Moultrie, Piatt
FRITSCHLE, Marion, R.R. #1, West Liberty 62475 . . . . .	618-754-3371	Jasper, (Temp.) Clay
GARMAN, Harold A., 205 N. 7th, Albion 62806 . . . . .	618-445-3146	Edwards
GIBSON, Harold G., R.R. #1, Blue Mound 62513 . . . . .	217-692-2671	Christian, DeWitt, Logan, Macon, Sangamon
HISEY, William M., 1201 Organ St., Eldorado 62930 . . . . .	618-273-5182	Gallatin, Hardin, Pope, Saline
MARTIN, Tom L., 522 E. 7th, Lockport 60441 . . . . .	815-838-0908	Cook, DuPage, Grundy, Iroquois, Kankakee, Kendall, Will, (Temp.) LaSalle
MOLINAR, Dominic, 721 E. Clay, Collinsville 62234 . . . . .	618-344-0582	Bond, Madison, Monroe, St. Clair
NEWMAN, William, R.R. #1, Gillespie 62033 . . . . .	217-839-2785	Greene, Jersey, Macoupin, Montgomery
PFRIMMER, Charles, New Canton 62356 . . . . .	217-426-2541	Adams, Brown, Calhoun, Cass, Fulton, Hancock, McDonough, Mason, Menard, Morgan, Pike, Schuyler, Scott, Tazewell, Woodford
PRINCE, Floyd A., Box 263, McLeansboro 62859 . . . . .	618-643-2678	Hamilton, Wayne
RAGEN, Herschel, R.F.D. #4, Carlyle 62231 . . . . .	618-594-3338	Clinton, Perry, Randolph, Washington
SORK, Marshall, Box 551, Woodstock 60098 . . . . .	815-338-1689	Boone, DeKalb, Kane, Lake, McHenry, Winnebago
SPOND, Cleo, R.R. #3, Mt. Carmel 62863 . . . . .	618-262-7694	Wabash, White
ST. PIERRE, Max, Beecher City 62414 . . . . .	618-487-2894	Elfingham, Fayette, Shelby
WARNER, Errett, R.R. #3, Lawrenceville 62439 . . . . .	618-943-4042	Lawrence, Richland
WATTS, Samuel H., 307 W. Market, Palestine 62451 . . . . .	618-586-2425	Crawford
WIRTH, Edward L., R.R. #1, Wyandot 61379 . . . . .	815-699-2603	Bureau, Carroll, Henderson, Henry, JoDaviss, Knox, Lee, Marshall, Mercer, Ogle, Peoria, Putnam, Rock Island, Stark, Stephenson, Warren, Whiteside

**FIELD SUPERVISOR**

**ROGERS**, Charles, 504 N. 20th, Herrin 62948 . . . . . 618-942-3994  
 Alexander, Franklin, Jackson,  
 Johnson, Massac, Pulaski,  
 Union, Williamson

**ADMINISTRATIVE ASSISTANT**

**HEADY**, Marion, Box 1, Newton 62448 . . . . . 618-783-3046  
 Ford, Livingston, McLean

**STURM**, Lenard R., 312 W. Commerce, Grayville 62844 . . . . . 618-375-5561  
 Inspector-At-Large

# SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED, OIL WELLS COMPLETED AND WELLS PLUGGED DURING 1971

County	Total Oil permits issued in 1971	Oil wells completed in 1971	Plugged wells completed in 1971	Number of Other Fee Permits Issued					Number of No Fee Permits Issued		
				Salt water disposal	Water input	Observa- tion well	Gas input	Air input	Gas Storage	Structure test	Water supply
Adams	2	1	11								
Alexander											
Bond	7	3	11	1							
Boone											
Brown	2	1	2							4	
Calhoun											
Carroll											
Cass											
Champaign							2				
Christian	40	14	46	1			18			25	
Clark	5	1	1	5							
Clay	59	30	83	1	27						
Clinton	17	2	31								
Coles	15	7	23	1							
Cook											
Cumberland	3		61		1						
DeKalb											
DeWitt											
Douglas	10	5	32	2	4						
DuPage											
Edgar	16	9	3	2		5				32	
Edwards	16	7	20	2	3						
Effingham	3	10	10		2	1					
Fayette	13	8	148	13	3	18	30				1
Ford	1										
Franklin	17	3	71	1	11						
Fulton											
Gallatin	12	2	40	1	5					2	1
Greene											
Grundy											
Hamilton	4		101	1	11					4	
Hancock											
Hardin	1										
Henderson											
Henry										16	
Iroquois										6	
Jackson	2		2								
Jasper	26	10	42	1	3						1

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED,  
OIL WELLS COMPLETED AND WELLS PLUGGED DURING 1971—Concluded

County	Total Oil permits issued in 1971	Oil wells completed in 1971	Plugged wells completed in 1971	Number of Other Fee Permits Issued					Number of No Fee Permits Issued		
				Salt water disposal	Water input	Observa- tion well	Gas input	Air input	Gas Storage	Structure test	Water supply
Jefferson	11	3	71	3	2						
Jersey											
Jo Daviess											
Johnson											
Kane				7		11	2				
Kankakee											
Kendall											
Knox											
Lake											
LaSalle						2	6				
Lawrence	32	20	62	3	30	5	17			7	3
Livingston	3		13			7				16	
Logan						34	2			31	
McDonough						1	10			29	
McHenry	3		5							1	
McLean	1		6								
Macon	1		10								
Macoupin	11		31		2						
Madison	30	14	20	1	26				2		
Marion											
Marshall											
Mason										3	
Massac											
Menard						1					
Mercer											
Monroe						2			1		
Montgomery			2			1					
Morgan	2		3								
Moultrie						3			4		
Ogle											
Peoria	11	2	12	1							
Perry											
Piatt			2								
Pike			1								
Pope											
Pulaski											
Purnam											
Randolph	1		1			1				2	
Richland	27	17	53	2	9		13				
Rock Island											
St. Clair	7		4	2							





# SALT WATER AND WASTE DISPOSAL

(PERMITS ISSUED IN 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
<b>BOND COUNTY</b>				
Goose Creek Oil Co., Inc.	* Nilson #4	330° N 330° W Sec. 9 6N 2W	Aux Vases	G.L. 579'
<b>CHRISTIAN COUNTY</b>				
Joe Simpkins Oil Developments	* Peabody "A" #1	447° S 330° E NWc SW Sec. 14 13N 3W	Devonian	G.L. 570'
<b>CLARK COUNTY</b>				
J.E. Locke Veliscol Chemical Corp.	* Young #1 Veliscol Chemical Corporation #2	330° N 330° W Sec. SW Sec. 19 10N 13W 155° S 730° W NEc SW Sec. 12 11N 12W	Carper Potosi	G.L. 596.5' G.L. 627'
<b>CLAY COUNTY</b>				
Southern Ill. Oil Producers Inc. M & C Drilling Co. Bufoy Oil Company Tom Kiernan Texaco Inc.	* L.J. Bissey #1 * Hunley #1 * Harvey Stanley-WD-1 * Norbut #2 * C. Prather #2	330° S 330° E NWc SW NE Sec. 2 2N 7E 430° N 330° W Sec SW Sec. 29 3N 8E 330° S 330° W NEc SE Sec. 6 4N 8E 330° N 330° E SWc NE Sec. 3 5N 5E 330° N 330° E SWc NW NW Sec. 11 5N 5E	McClosky Lower Cypress McClosky McClosky Rosiclare	G.L. 445' K.B. 479' G.L. 468' G.L. 541.7' G.L. 519'
<b>CLINTON COUNTY</b>				
T.M. Conrey, Jr.	* King #2	330° S 330° W NEc SW Sec. 23 3N 3W	Benoist	G.L. 443'
<b>COLES COUNTY</b>				
M. Mazzarino	* Chapman #1	330° S 330° E NWc Sec. 2 13N 7E	Rosiclare	
<b>CRAWFORD COUNTY</b>				
D.W. Franchot & Co., Inc. Paul Fuerr & Paul Reece	* A. Montgomery #W.D.W. (A-2) * A.L. Maxwell a/c 1 SWD #8	90° S 330° W NEc SE NW Sec. 21 5N 11W 189° N 111° E SWc NE SW Sec. 10 5N 12W	Tar Springs Robinson	G.L. 558.2' G.L. 587.3'
<b>DOUGLAS COUNTY</b>				
Elton Botts Elton Botts	Yoder SWD #1 William Jones SWD #1	330° N 990° E SWc SW Sec. 1 15N 7E 31° S 195° W NEc NW NW Sec. 24 15N 7E	Penn. Penn.	G.L. 653.18' G.L. 661.07'
<b>EDGAR COUNTY</b>				
Barr, Homann & Robison The Peoples Gas, Light & Coke Co.	Baber #12A N. Carroll #D-1	40° S 660° E NWc NE Sec. 9 13N 13W 490° S 385.5° W NEc NW Sec. 35 15N 14W	Penn. St. Peter	G.L. 700' G.L. 661.9'



## SALT WATER AND WASTE DISPOSAL—Concluded

Operator	Well (* = Converted Well)	Location	Formation	Elev.
LAWRENCE COUNTY				
Clarence Catt, Jr.	* Alfred P. Stagle SWD #1	3926 E 1/4 NW 990' E SW 1/4 Sec. 18 2N 11W	Cypress	G.L. 409'
H. & H. Oil Co., Inc.	* Owen E. Groff #SW-1	330' S 330' W NE 1/4 NW Sec. 28 2N 13W	Benoist	G.L. 458'
Wayne Smith, Operator, Inc.	* L.M. Seed SWD-#9	60 S 50' W NE 1/4 NW SE Sec. 21 3N 12W	Buchanan	G.L. 487'
MARION COUNTY				
Wm. J. Pfeiffer	* Lutz #2	330' N 330' W Sec NE NE Sec. 18 3N 1E	Benoist	G.L. 471'
PERRY COUNTY				
Leonard E. Bixby	* Hamplman #2	330' N 330' W Sec Sec. 4 5S 1W	Cypress	G.L. 474.1'
RICHLAND COUNTY				
Joe McGuire, Receiver, Max P. Rudolph et al J.W. Rudy Company	* Murray Heirs #2 * Stiff-I.C.R.R. Comm. #B-1 SWD	330' S 330' W NE 1/4 SE SW Sec. 31 5N 10E 330' N 990' E SW 1/4 NE SW Sec. 34 5N 10E	McClosky McClosky	G.L. 483.5' G.L. 450'
ST. CLAIR COUNTY				
Victor Nettle G.L. 466'	Nettle SWD #1	107' N 550' E SW 1/4 NE NE Sec. 33 1N 10W	Mt. Simon	G.L. 466'
Dupo Oil Company	* Stupp & Luverage #6	53' N 1230' W Sec NE NW Sec. 34 1N 10W	St. Peter	G.L. 514'
SANGAMON COUNTY				
Shakespeare Oil Co., Inc.	* Bell #4	330' S 330' E NW 1/4 NE NW Sec. 32 15N 3W	Silurian	G.L. 589'
WABASH COUNTY				
R.K. Petroleum Corp.	* Otto Marx #SW-1	330' S 330' E NW 1/4 SW SW Sec. 33 1N 13W	Tar Springs	G.L. 408'
WASHINGTON COUNTY				
George Thompson George Thompson Nick Babare, Jr.	* O. Hoelscher #2-SWD Holle #4-SWD * Martoccio-Babare #2-SWD	330' N 330' E SW 1/4 NW Sec. 10 1S 1W 330' S 330' E NW 1/4 NE NW Sec. 15 1S 1W 330' S 330' E NW 1/4 NE Sec. 2 2S 1W	Cypress Benoist Cypress	G.L. 482' G.L. 490' G.L. 535'
WAYNE COUNTY				
Robinson Production, Inc. Triple "B" Oil Producers, Inc. Robinson Production, Inc. Texaco Inc.	* George Bradley SWD #1 * Hubble #2 * A. Gill #1 SWD * F. Fuhrer #8 (Tract 17)	330' N 330' W Sec SW NW Sec. 26 1N 7E 330' S 330' W Sec SW NW Sec. 18 1N 9E 330' S 330' E NW 1/4 NE Sec. 23 2N 7E 440' N 330' W Sec NW NW Sec. 33 1S 6E	Penn. Aux Vases Aux Vases Cypress	G.L. 440' G.L. 390.1' G.L. 438' G.L. 434'
J.W. Rudy Company	* Pike #2-SWD	554' S 554' W NE 1/4 Sec. 14 1S 7E	Aux Vases	G.L. 422'

Jenkins Brothers	* John Hinkle #1 SWD	330°S 330°E NWc NE SE Sec. 10 1S 8E	Penn.	G.L. 437'
Robinson Production, Inc.	* Blackburn SWD #3	330°N 330°E SWc NW NW Sec. 12 1S 8E	Penn.	G.L. 383'
Floyd E. Thompson	* Kuncze #1 SWD	330°S 330°E NWc NE Sec. 15 1S 8E	Tar Springs	G.L. 438'
H.H. Weibert Estate	* MacPherson #6	330°N 660°W Sec NE NW Sec. 32S 7E	McClosky	G.L. 426'
Texaco Inc.	* M.E. Heaton #3	660°S 1650°W NEc NE Sec. 17 3S 7E	Aux Vases	G.L. 382'
WHITE COUNTY				
J.W. Rudy Company	* Griesbaum #9-SWD	330°N 330°W Sec NE NW Sec. 26 3S 10E	Benoist	G.L. 401'
Tamarack Petroleum Co., Inc.	* Hanna 'A' #3	330°N 330°E SWc SE NW Sec. 29 5S 10E	Biehl	G.L. 390'

## GAS INPUT AND STORAGE

(PERMITS ISSUED IN 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
<b>CHAMPAIGN COUNTY</b>				
The Peoples Gas Light & Coke Co.	V. Ponder #1	101°N 60'W SEC NE Sec. 8 21N 7E	Mt. Simon	G.L. 750'
The Peoples Gas Light & Coke Co.	A. C. Hinton #2	189°S 76'W NEC Sec. 9 21N 7E	Mt. Simon	G.L. 742'
The Peoples Gas Light & Coke Co.	W. Leischner #3	83°N 89.5'E SWC NW Sec. 10 21N 7E	Mt. Simon	G.L. 742.5'
The Peoples Gas Light & Coke Co.	Z. K. Hawkins #1	86°S 186'E NW Sec. 15 21N 7E	Mt. Simon	G.L. 745'
The Peoples Gas Light & Coke Co.	F. M. Stedman #2	150°N 62'E SWC SE NW Sec. 16 21N 7E	Mt. Simon	G.L. 739'
The Peoples Gas Light & Coke Co.	A. Lieberman #3	68°N 94'E SWC NW NW Sec. 17 21N 7E	Mt. Simon	G.L. 753.3'
The Peoples Gas Light & Coke Co.	G. Webster #5	43°S 25'E NW Sec. 17 21N 7E	Mt. Simon	G.L. 750'
The Peoples Gas Light & Coke Co.	C. Williams #6	59°S 109'W NEC SE Sec. 17 21N 7E	Mt. Simon	G.L. 740'
The Peoples Gas Light & Coke Co.	H. Beard #1	60°S 60'E NW Sec. 18 21N 7E	Mt. Simon	G.L. 756'
The Peoples Gas Light & Coke Co.	R. W. James #1	168°N 77.5'W SEC Sec. 19 21N 7E	Mt. Simon	G.L. 735'
The Peoples Gas Light & Coke Co.	R. W. James #2	77°S 93'W NEC SE Sec. 19 21N 7E	Mt. Simon	G.L. 754.8'
The Peoples Gas Light & Coke Co.	G. C. Ruckman #1	200°N 60'W SEC NW Sec. 19 21N 7E	Mt. Simon	G.L. 753.6'
The Peoples Gas Light & Coke Co.	F. Hazen #2	60°N 60'W SEC NW Sec. 20 21N 7E	Mt. Simon	G.L. 734'
The Peoples Gas Light & Coke Co.	F. Hazen #3	97°S 42'E NW Sec. 20 21N 7E	Mt. Simon	G.L. 737'
The Peoples Gas Light & Coke Co.	R. Primmer #5	195°S 212'W NEC SE Sec. 20 21N 7E	Mt. Simon	G.L. 735'
The Peoples Gas Light & Coke Co.	Buckles Bros. #3	68°S 352'W NEC NW Sec. 21 21N 7E	Mt. Simon	G.L. 738'
The Peoples Gas Light & Coke Co.	G. E. Wisegarver #2	300°S 134'1'E NW Sec. 22 21N 7E	Mt. Simon	G.L. 735.5'
The Peoples Gas Light & Coke Co.	F. L. Kroner #1	83°S 143'E NW Sec. 28 21N 7E	Mt. Simon	G.L. 741'
<b>FAYETTE COUNTY</b>				
Natural Gas Pipeline Co. of America	Ruth Musser #3-D	682°S 657'E NW Sec. 2 8N 3E	Devonian	G.L. 606'
Natural Gas Pipeline Co. of America	Sirious Musser #3-D	660°N 660'W SEC SW Sec. 2 8N 3E	Devonian	G.L. 608'
Natural Gas Pipeline Co. of America	F. P. Sinclair #7-D	670°S 636'E NW Sec. 2 8N 3E	Devonian	G.L. 618'
Natural Gas Pipeline Co. of America	W. L. Holman #3-D	660°N 660'W SEC SW Sec. 3 8N 3E	Devonian	G.L. 596'
Natural Gas Pipeline Co. of America	Julian Holman #3-D	666°S 661'W SEC NW Sec. 0 8N 3E	Devonian	G.L. 612'
Natural Gas Pipeline Co. of America	R. Larimore #12-D	660°S 660'W SEC NW Sec. 1 8N 3E	Silurian	G.L. 613'
Natural Gas Pipeline Co. of America	Alma Mickey #3-D	660°N 660'W SEC NW Sec. 11 8N 3E	Devonian	G.L. 609'
Natural Gas Pipeline Co. of America	Willie Sloan #5-D	660°N 660'W SEC NW Sec. 11 8N 3E	Devonian	G.L. 618'
Natural Gas Pipeline Co. of America	F. C. Wore #3-D	660°N 660'W SEC NW Sec. 11 8N 3E	Silurian	G.L. 619'
Natural Gas Pipeline Co. of America	F. R. Dove #3-D	430°N 331'E SWC NW Sec. 15 8N 3E	Devonian	G.L. 617'
Natural Gas Pipeline Co. of America	Leander Wood #11-D	739°S 330'E NW Sec. 15 8N 3E	Silurian	G.L. 624'
Natural Gas Pipeline Co. of America	H. Lilly #26-D	660°S 330'W NEC SW Sec. 16 8N 3E	Devonian	G.L. 630'
Natural Gas Pipeline Co. of America	N. Lilly #27-D	660°S 330'E NW Sec. 16 8N 3E	Silurian	G.L. 612'
Natural Gas Pipeline Co. of America	Emily Wood #3-D	460°N 330'E NW Sec. 16 8N 3E	Devonian	G.L. 592'
Natural Gas Pipeline Co. of America	E. Wood #4-D	660°S 330'W NEC SE Sec. 16 8N 3E	Devonian	G.L. 612'
Natural Gas Pipeline Co. of America	Harold Beck #3-D	660°N 660'W SEC SW Sec. 21 8N 3E	Silurian	G.L. 650'
Natural Gas Pipeline Co. of America	L. F. Beck #3-D	660°N 660'W SEC NE Sec. 21 8N 3E	Devonian	G.L. 544'
Natural Gas Pipeline Co. of America	Jennie Brauer #6-D	660°S 660'W NEC SE Sec. 21 8N 3E	Devonian	G.L. 528'

Natural Gas Pipeline Co. of America	Mary Cummings #5-D	166.7°S 330°W NEc Sec. 21 8N 3E	Devonian	G.L. 588'
Natural Gas Pipeline Co. of America	Mize-Cummings #1-D	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 589'
Natural Gas Pipeline Co. of America	G. Durbin #3-D	166.7°S 330°E NWc Sec. 21 8N 3E	Sturian	G.L. 590'
Natural Gas Pipeline Co. of America	Upper-Cummings #3-D	166.7°S 330°E NWc Sec. 21 8N 3E	Sturian	G.L. 591'
Natural Gas Pipeline Co. of America	N. Logge #4-D	166.7°S 330°E NWc Sec. 21 8N 3E	Sturian	G.L. 592'
Natural Gas Pipeline Co. of America	John Rogers #5-D	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 593'
Natural Gas Pipeline Co. of America	John Rogers #5-D	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 594'
Natural Gas Pipeline Co. of America	M. Mills #13-E	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 595'
Natural Gas Pipeline Co. of America	Mabel Mills #14-D	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 596'
Natural Gas Pipeline Co. of America	Mamie Tucker #3-D	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 597'
Natural Gas Pipeline Co. of America	Robert McCloy #5-D	166.7°S 330°E NWc Sec. 21 8N 3E	Devonian	G.L. 598'
KANKAKEE COUNTY				
Natural Gas Pipeline Co. of America	E. Oberlin #4	227.6°N 133.1°E SWc Sec. 3 30N 9E	Mt. Simon	G.L. 614'
Natural Gas Pipeline Co. of America	E. Oberlin #5	227.7°N 26.48°E SWc Sec. 3 30N 9E	Mt. Simon	G.L. 615.4'
LA SALLE COUNTY				
Northern Illinois Gas Co.	Vespa #3	149°N 81.5°E SWc NW NE Sec. 15 30N 2E NE	Mt. Simon	G.L. 662'
Northern Illinois Gas Co.	Vespa #4	149°N 98°E SWc NW SE Sec. 15 30N 2E NE	Mt. Simon	G.L. 665.7'
Northern Illinois Gas Co.	Sullivan #1	149.6°S 200°W NEc Sec. 23 30N 2E	Mt. Simon	G.L. 648.2'
Northern Illinois Gas Co.	Sullivan #2	143.7°S 200°W NEc SE NE Sec. 23 30N 2E	Mt. Simon	G.L. 645.3'
Northern Illinois Gas Co.	Sullivan #3	65°N 65°W SEC NW NE Sec. 23 30N 2E	Mt. Simon	G.L. 653.8'
Northern Illinois Gas Co.	Sullivan #4	598.2°S 65°W NEc NW NE Sec. 23 30N 2E	Mt. Simon	G.L. 655.9'
LIVINGSTON COUNTY				
Northern Illinois Gas Co.	Ryerson #1	50°S 65°W NEc SW Sec. 34 28N 4E	Mt. Simon	G.L. 661.6'
Northern Illinois Gas Co.	M. Hanson #2	662.5°N 66.5°E SWc SE SE Sec. 28 28N 6E SW	Mt. Simon	G.L. 707.8'
Northern Illinois Gas Co.	M. Hanson #3	662.5°S 66.5°E NWc NE NE Sec. 28 28N 6E SW	Mt. Simon	G.L. 701.6'
Northern Illinois Gas Co.	M. Hanson #4	83°S 66.5°W NEc SW SE Sec. 28 28N 6E	Mt. Simon	G.L. 701.5'
Northern Illinois Gas Co.	Schultz #4	660°S 66.0°W NEc NW SW Sec. 28 28N 6E	Mt. Simon	G.L. 712.8'
Northern Illinois Gas Co.	Fienhold #28	120°S 66.5°E NWc NE Sec. 32 28N 6E	Mt. Simon	G.L. 655.7'
Northern Illinois Gas Co.	Fienhold #29	1308°S 66.5°E NWc NE Sec. 32 28N 6E	Mt. Simon	G.L. 658'
Northern Illinois Gas Co.	Fienhold #27	90°N 66°W SEC NE Sec. 33 28N 6E	Mt. Simon	G.L. 688.9'
Northern Illinois Gas Co.	Harding #1	90°N 76°W SEC NW NE Sec. 33 28N 6E	Mt. Simon	G.L. 711.1'
Northern Illinois Gas Co.	Jacobson #1	126°S 100°W NEc NW NE Sec. 33 28N 6E	Mt. Simon	G.L. 704.5'
Northern Illinois Gas Co.	W. M. Swager #1	100°N 100°E SWc Sec. 33 28N 6E	Mt. Simon	G.L. 675.4'
Northern Illinois Gas Co.	Cullen #6	65°S 365.45°E NWc SW SE Sec. 29 30N 3E	Mt. Simon	G.L. 637.6'
Northern Illinois Gas Co.	Jacobs #1	100°N 70°E SWc SE SE Sec. 29 30N 3E	Mt. Simon	G.L. 639.9'
Northern Illinois Gas Co.	Jacobs #2	65°S 100°E NWc SE SE Sec. 29 30N 3E	Mt. Simon	G.L. 645.9'
Northern Illinois Gas Co.	Cullen #5	100°S 50°E NWc SE Sec. 30 30N 3E	Mt. Simon	G.L. 646.2'
Northern Illinois Gas Co.	Cullen #7	377.2°N 65°E SWc SE Sec. 30 30N 3E	Mt. Simon	G.L. 646.2'
Northern Illinois Gas Co.	L. Sixt #1	66.5°N 166.5°W SEC NE Sec. 30 30N 3E SW	Mt. Simon	G.L. 646.4'
McDONOUGH COUNTY				
Central Illinois Public Service Co.	Fred Hainline #S-33	474°S 60°W NEc SE SW Sec. 31 7N 3W	Trenton	G.L. 744'
Central Illinois Public Service Co.	Silas Hainline #S-34	47°S 498°E NWc SW SE Sec. 31 7N 3W	Cambrian	G.L. 744'

GAS INPUT AND STORAGE—Continued  
(Permits issued in 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
<b>MCLEAN COUNTY</b>				
Northern Illinois Gas Co.	Grimes Well #4	60°S 100°E NWc SE NW Sec. 1 24N 2E	Mt. Simon	G.L. 788.4'
Northern Illinois Gas Co.	Grimes Well #5	65°N 428°E SWc NW Sec. 1 24N 2E	Mt. Simon	G.L. 788.1'
Northern Illinois Gas Co.	Reddel Well #1	150°N 66.5°E SWc NE SW Sec. 24N 2E	Mt. Simon	G.L. 783.5'
Northern Illinois Gas Co.	Feasley Well #1	38.9°N 189°W Sec NE SE Sec. 2 25N 2E	Mt. Simon	G.L. 775.5'
Northern Illinois Gas Co.	H. Hitch #4	130°S 66.5°W NEc NW SE Sec. 25 26N 2E	Mt. Simon	G.L. 740.8'
Northern Illinois Gas Co.	L. Wilson #3	130°S 39°W NEc NW SE Sec. 25 26N 2E	Mt. Simon	G.L. 712.3'
Northern Illinois Gas Co.	L. Wilson #4	130°S 39°W NEc NW SE Sec. 30 28N 2E	Mt. Simon	G.L. 702.3'
Northern Illinois Gas Co.	Furrow Well #5	100°S 65°E NWc NE SW Sec. 30 26N 3E	Mt. Simon	G.L. 738.2'
Northern Illinois Gas Co.	M. Wilson #1	71.5°N 100°E SWc NW NW Sec. 30 26N 3E	Mt. Simon	G.L. 721'
Northern Illinois Gas Co.	Leke Bloomington Corrosion Protection Well #1	594.5°S 303.5°W NEc NW Sec. 31 26N 3E NW	Huntton	G.L. 730.2'
<b>MADISON COUNTY</b>				
Mississippi River Transmission Corp.	Huldah Baer #S-5	10°N 600°W SEC NW SE Sec. 27 3N 6W	Mt. Simon	G.L. 495.8'
Mississippi River Transmission Corp.	Steward Klein S-2	82°N 60°W SEC NE Sec. 33 3N 6W	Mt. Simon	G.L. 495.8'
<b>MONTGOMERY COUNTY</b>				
Illinois Power Co.	Morrell #2	85°S 330°W NEc Sec. 5 9N 3W	Galesville	G.L. 647.56'
<b>PEORIA COUNTY</b>				
Central Illinois Light Co.	Cilco #10	721.40°S 688.18°E NWc SE SE Sec. 11 7N 6E	Silurian	G.L. 603.7'
Central Illinois Light Co.	Cilco #11	68.35°S 615.69°W NEc NE NW SE Sec. 11 7N 6E	Silurian	G.L. 609.476'
Central Illinois Light Co.	Cowser #5	13.07°S 724.88°E NWc SE NE Sec. 11 7N 6E	Silurian	G.L. 625.84'
Central Illinois Light Co.	Peters #11	90.20°S 29.80°W NEc NW NE Sec. 11 7N 6E	Silurian	G.L. 622.09'
<b>RANDOLPH COUNTY</b>				
Illinois Power Co.	J. C. Bates #1	990°S 330°E NWc SW SE Sec. 16 5S 5W	Cypress	G.L. 453.5'
Illinois Power Co.	J. C. Bates #2	350°S 250°E NWc SW SE Sec. 16 5S 5W	Cypress	G.L. 436.5'
Illinois Power Co.	J. C. Bates #3	250°S 1140°E NWc SW SE Sec. 16 5S 5W	Cypress	G.L. 434'
Illinois Power Co.	Lee Broshears #1	330°N 330°E SWc NE Sec. 16 5S 5W	Cypress	G.L. 465'
Illinois Power Co.	Lee Broshears #2	330°N 990°E SWc NW SE Sec. 16 5S 5W	Cypress	G.L. 456.5'
Illinois Power Co.	L. Broshears #3	400°N 990°E SWc NE Sec. 16 5S 5W	Cypress	G.L. 438.5'
Illinois Power Co.	L. Broshears #4	330°S 330°E NWc SE Sec. 16 5S 5W	Cypress	G.L. 438.5'
Illinois Power Co.	L. Broshears #5	330°S 970°E NWc NW SE Sec. 16 5S 5W	Cypress	G.L. 456.5'
Illinois Power Co.	L. Broshears #6	330°N 330°E SWc NW SE Sec. 16 5S 5W	Cypress	G.L. 463.5'
Illinois Power Co.	Lye Heirs #2	990°S 250°W NEc SE SW Sec. 16 5S 5W	Cypress	G.L. 439.5'
Illinois Power Co.	H. J. Schaffner #1	990°S 990°W NEc SE SW Sec. 16 5S 5W	Cypress	G.L. 438.5'
Illinois Power Co.	H. J. Schaffner #2	1550°S 420°E NWc NE Sec. 16 5S 5W	Cypress	G.L. 438.5'
Illinois Power Co.	Louis Schlimme #1	330°N 330°W Sec NE SW Sec. 16 5S 5W	Cypress	G.L. 466.5'



## WARREN COUNTY

Illinois Power Co.	Moberg #7	327°S 123'E NWc SW Sec. 3 12N 1W	Galesville	G.L. 682.7'
Illinois Power Co.	Noonan #2	401°N 35'E SWc NW Sec. 3 12N 1W	Galesville	G.L. 724.1'
Illinois Power Co.	Winkler #1	567°N 300'E SWc SE Sec. 3 12N 1W	Galesville	G.L. 740.3'
WILL COUNTY				
Fenix & Scisson, Inc.	Auxiliary Hole #1	1507.4°S 165'E NWc Sec. 5 34N 13E	Maquoketa	G.L. 763.81'
Fenix & Scisson, Inc.	Auxiliary Hole #2	1507.4°S 305'E NWc Sec. 5 34N 13E	Maquoketa	G.L. 764.14'
Fenix & Scisson, Inc.	Auxiliary Hole #3	1500.4°S 298'E NWc Sec. 5 34N 13E	Maquoketa	G.L. 773.05'
Fenix & Scisson, Inc.	Auxiliary Hole #4	1100.4°S 368'E NWc Sec. 5 34N 13E	Maquoketa	G.L. 772.66'
Fenix & Scisson, Inc.	Main Shaft #1	1507.4°S 235'E NWc Sec. 5 34N 13E	Maquoketa	G.L. 764.06'
Fenix & Scisson, Inc.	Main Shaft #2	1108.4°S 298'E NWc Sec. 5 34N 13E	Maquoketa	G.L. 772.85'

# WATER SUPPLY

## (PERMITS ISSUED IN 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
EDWARDS COUNTY				
Southern Triangle Oil Co.	Kershaw #WS-1	900'S 50'W NEc NW NE Sec. 25 2S 10E	Penn.	G.L. 509'
GALLATIN COUNTY				
American Pump & Supply Co.	Omaha South WSW #1	270'N 370'W SEc NE SW Sec. 32 7S 8E	Penn.	G.L. 365'
JASPER COUNTY				
Wichita Industries, Inc.	Martin #WS-1	75'N 75'W SEc SW SW Sec. 23 7N 10E	Penn.	G.L. 542'
Wichita Industries, Inc.	Martin #WS-2	675'N 75'W SEc SW SW Sec. 23 7N 10E	Penn.	G.L. 546'
Wichita Industries, Inc.	V. Short #WS-1	400'N 525'E SWc SE SW Sec. 23 7N 10E	Penn.	G.L. 548'
Wichita Industries, Inc.	Dohm-Evans #WS-1	210'N 420'E SWc NE NW Sec. 27 7N 10E	Penn.	G.L. 475'
Wichita Industries, Inc.	Frichtl #WS-1	40'S 555'W NEc SE NE Sec. 27 7N 10E	Penn.	G.L. 543'
Wichita Industries, Inc.	Michl #WS-1	30'N 555'W SEc NE NE Sec. 27 7N 10E	Penn.	G.L. 542'
Wichita Industries, Inc.	Michl #WS-2	25'N 80'W SEc NE NE Sec. 27 7N 10E	Penn.	G.L. 543'
LAWRENCE COUNTY				
Charles E. Wilson	Leathers W. S. #1	1320'N 400'W SEc SW SE Sec. 19 2N 11W		
National Associated Petroleum Co.	* Cecil Foss #2 W. S.	990'S 990'E NWc SW NW Sec. 21 2N 13W	Tar Springs	G.L. 458'
Illinois Mid-Continent Co.	Leighty Water Supply #1	330'S 960'E NWc SE Sec. 20 3N 11W	Penn.	G.L. 504.3
E. L. Whitmer, Inc.	Allen Gray WS #1	150'S 220'E NWc Sec. 19 3N 12W	Penn.	
WABASH COUNTY				
Sam G. Walker d/b/a Walker Drilling Co.	* Gard's Point Unit WS-1	330'S 660'W NEc NW NE Sec. 26 1N 14W	Penn.	G.L. 416'
WAYNE COUNTY				
Ego Oil Co., Inc.	Lillie Aug W. S. #1	430'S 205'W NEc NW SE Sec. 23 1N 5E	Penn.	G.L. 473'
Robinson Production, Inc.	Carter Unit WS #1	550'S 130'E NWc Sec. 33 1N 8E	Penn.	G.L. 427'
Triple "B" Oil Producers, Inc.	Hubble #1-WS	230'S 990'E NWc SW NW Sec. 13 1N 9E	Penn.	G.L. 393'
Union Oil Company of Calif.	Banker School Cons.			
Robinson Production, Inc.	Carl Hossettton-A WS #2	500'S 632'W NEc SE NW Sec. 21 2N 8E	Penn.	G.L. 454'
Royalco, Inc.	Northeast Gerf-Murphy Unit WSW #1	20'N 20'W SEc NW Sec. 6 1S 8E	Penn.	G.L. 435'
	* Edith Elliott #1	330'N 330'W SEc SW Sec. 14 1S 8E	Penn.	G.L. 437'

WHITE COUNTY		
Texaco Inc. ....	A. J. Poorman "A" NCT-2-#5 .....	243°S 238°W NEc NW SE Sec. 19 3S 8E .....
The Superior Oil Co. ....	New Harmony Field Unit Water Supply Well #5 .....	35°N 85°E SWc NE SE Sec. 28 4S 14W .....
		Perm. ....
		Water Sand .....
		G.L. 377' .....

# WATER INPUT

(PERMITS ISSUED IN 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
<b>CLAY COUNTY</b>				
Triangle Oil Co., Inc.	* C. Hosselton #2	330°N 330°W Sec SW SE Sec. 12N 7E	McClosky	G.L. 459'
Union Oil Co. of California	* West Clay City Cons. - Stella Staley #1	976°S 688°W Nec SW Sec. 10 2N 7E	Aux Vases	D.F. 443'
Charles E. Booth	* Hurd W.I. #1	330°N 330°E SWC NW SW Sec. 15 2N 7E	Aux Vases	G.L. 420'
Charles E. Booth	* Hurd W.I. #5	330°N 330°E SWC NW SW Sec. 15 2N 7E	Aux Vases	G.L. 418'
Charles E. Booth	* Pettijohn W.I. #1A	330°S 330°E NWG SE SE Sec. 16 2N 7E	Aux Vases	G.L. 439'
Union Oil Co. of California	* Bunnyville Cons. - Holmes Cons. #6	70°N 90°E NWG SW NE Sec. 6 2N 8E	Aux Vases	G.L. 461'
Union Oil Co. of California	* Bunnyville Cons. - Holmes Cons. #7	70°N 90°E NWG SW NE Sec. 6 2N 8E	Aux Vases	G.L. 461'
Union Oil Co. of California	* Thomas School Unit - Leon Clark #10	614°N 370°W Sec SW Sec. 7 2N 8E	Cypress	G.L. 484'
Union Oil Co. of California	* Thomas School Unit - A.G. Smith-A #2	668°S 370°W Nec Fract. NW Sec. 7 2N 8E	Cypress	D.F. 468'
Union Oil Co. of California	* Thomas School Unit - C.R. Bunn-B #2	330°N 330°W Sec NW NW Sec. 10 3N 7E	Cypress	D.F. 458'
W. C. McBride Inc.	* Armstrong-Cambion #2	330°N 330°E NWG SE Sec. 10 3N 7E	Cypress	D.F. 449'
W. C. McBride Inc.	* W. F. Moench #5	330°N 330°E NWG SE Sec. 10 3N 7E	Cypress	D.F. 434'
John D. Gordon	* Harley Fryman #4	130°N 310°W Sec SW Sec. 32 3N 8E	McClosky	G.L. 437'
Union Oil Co. of California	* Bunnyville Cons. - A.G. Stanford #8	50°S 50°E NWG SE SW Sec. 32 3N 8E	Aux Vases	G.L. 470'
Union Oil Co. of California	* Bunnyville Cons. - A.G. Stanford #9	50°S 50°E NWG SE SW Sec. 32 3N 8E	Aux Vases	G.L. 465'
Union Oil Co. of California	* Bunnyville Cons. - A.G. Stanford #11	70°S 70°E NWG SE SW Sec. 32 3N 8E	Aux Vases	G.L. 466'
Union Oil Co. of California	* Bunnyville Cons. - A.G. Stanford #13	140°N 100°E SWG NW SW Sec. 32 3N 8E	Aux Vases	G.L. 457'
Union Oil Co. of California	* Bunnyville Cons. - Bunyan Travis-B #5	540°N 330°E SWG NE NE Sec. 32 3N 8E	Aux Vases	G.L. 442'
Union Oil Co. of California	* Bunnyville Cons. - George L. Travis-C #5	20°S 240°E NWG SW SE Sec. 32 3N 8E	Aux Vases	D.F. 447'
Union Oil Co. of California	* Bunnyville Cons. - Bunyan Travis-B #2	330°S 496°E NWG Sec. 33 3N 8E	Aux Vases	D.F. 447'
Phoenix Production Co., Inc.	* E. F. Bledsoe #3 (Tract 5)	330°S 330°W Nec NW Sec. 3 4N 7E	Cypress	G.L. 480'
Texaco Inc.	* E. F. Bledsoe #4 (Tract 9)	330°N 330°W Sec NE NE Sec. 4 5N 7E	Weiler Zone II	G.L. 541'
Texaco Inc.	* H. Nadler #4 (Tract 9)	330°N 330°W Sec SW Sec. 4 5N 7E	Weiler Zone II	G.L. 534'
Texaco Inc.	* J. Poehler #5 (Tract 9)	330°S 330°E NWG SW NW Sec. 4 5N 7E	Weiler Zone II	G.L. 530'
Texaco Inc.	* E. Landwehr #6 (Tract 19B)	330°S 330°W Nec NW NE Sec. 8 5N 7E	Weiler Zone II	G.L. 525'
Texaco Inc.	* W. Landwehr #7 (Tract 20)	341°S 418°E NWG Sec. 9 5N 7E	Weiler Zone II	G.L. 529'
Texaco Inc.	* L. Gharst #1 (Tract 21)	330°S 330°E NWG NE NW Sec. 10 5N 7E	Weiler	G.L. 529'
<b>CRAWFORD COUNTY</b>				
Marathon Oil Co.	B. B. Kintner #K-7	10°S 65°W Nec SE SE Sec. 7 7N 13W	St. Genevieve	G.L. 509'
Marathon Oil Co.	A. Reed a/c 1 #M-5	49°S 26°E NWG NE SW Sec. 8 7N 13W	St. Genevieve	G.L. 513'
Marathon Oil Co.	Eliza Reed a/c 1 #N-7	10°S 10°E NWG SW SE Sec. 8 7N 13W	St. Genevieve	G.L. 518'
Marathon Oil Co.	Eliza Reed a/c 1 #N-9	50°N 57°W Sec SW Sec. 8 7N 13W	St. Genevieve	G.L. 521'
Marathon Oil Co.	Noah Reed #M-7	10°S 10°W Nec SW SW Sec. 8 7N 13W	St. Genevieve	G.L. 514'
Marathon Oil Co.	O. B. Reed #K-5 (Reed Unit #2)	164°S 1226°W Nec NW SW Sec. 8 7N 13W	St. Genevieve	G.L. 504'
Marathon Oil Co.	M. Drake a/c 1 Well #N-11	1380°N 20°W Sec NW Sec. 17 7N 13W	Renault	G.L. 518'
Marathon Oil Co.	Charles Clark #P-15	1327°N 10°W Sec SW Sec. 17 7N 13W	St. Genevieve	G.L. 515'
Marathon Oil Co.	R. M. Clark a/c 4 #N-13	50°S 10°W Nec SW Sec. 17 7N 13W	St. Genevieve	G.L. 511'
Marathon Oil Co.	L. C. & J.H. Wilkin #M-9	74°S 10°W Nec NW NW Sec. 17 7N 13W	St. Genevieve	G.L. 514'
Marathon Oil Co.	J.G. McKnight a/c 1 #E-13	64°S 1289°W Nec NW SE Sec. 18 7N 13W	St. Genevieve	G.L. 483'
Marathon Oil Co.	J.G. McKnight a/c 1 #E-15	25°N 10°E SWC NW SE Sec. 18 7N 13W	St. Genevieve	G.L. 482'

Marathon Oil Co. Marathon Oil Co. Royalco, Inc. Belair Oil Co.	U.G. McKnight a/c 1 #G-17 M. A. Thornton #P-17 Dennis Hrs. #38 Payne-Blime Cons. #1	10°N 10° E SWc SE Sec. 18 7N 13W 10°S 10° W NEC NW NE Sec. 20 7N 13W 63S° S 400° W NEC SE NE Sec. 30 7N 13W 330° N 330° E SWc SE NE Sec. 11 6N 14W	St. Genevieve St. Genevieve Benot Cypress	G.L. 504' G.L. 513' G.L. 498' G.L. 546'
CUMBERLAND COUNTY				
Ego Oil Co., Inc.	Bernard A. Haskenherm #1	330° S 330° E NWc SW SE Sec. 34 9N 7E	McClosky	G. L. 601.5'
DOUGLAS COUNTY				
T. W. George T. W. George T. W. George T. W. George	Susan L. Munson #1 (W-15) Susan L. Munson #3 (W-16) Susan L. Munson #4 (W-17) Susan L. Munson #5-A	330° S 330° W NEC NW Sec. 6 14N 8E 330° S 330° W NEC SE NE Sec. 6 14N 8E NW 330° S 330° W NEC SE NW Sec. 6 14N 8E 330° S 330° W NEC SE SE Sec. 6 14N 8E NW	Rosciare Rosciare Rosciare Rosciare	G.L. 669' G.L. 661' G.L. 660' G.L. 664'
EDWARDS COUNTY				
R. K. Petroleum Corp. R. K. Petroleum Corp. George H. Wickham	Raymond Kegley #1-W1 (2) Schock-Cowling Comm. #1-W1 Mary Schroeder "A" #2W1	400° N 330° E SWc SE Sec. 9 1N 14W 330° N 330° W SEC Sec. 1 2S 10E 330° S 330° W NEC NW SW Sec. 26 2S 14W	Rosciare Aux Vases Waltersburg	G. L. 410' G. L. 432' G. L. 393'
EFFINGHAM COUNTY				
R. H. Billingsley R. O. Wilson, II	Rinehart #3 Stortzum #2	330° S 330° W NEC SE NW Sec. 22 6N 7E 1650° S 330° E NWc NE Sec. 22 6N 7E	Cypress Cypress	G. L. 560' G. L. 561'
FAYETTE COUNTY				
Henry Rosenthal & Co., Inc. Texaco Inc. Texaco Inc.	Washburn #13 L. O. Wooten NCT-1 #6 (Tract 4) L. O. Wooten #13 (Tract 4)	330° S 330° W NEC SW NW Sec. 30 6N 3E 330° N 330° W SEC SW Sec. 31 7N 3E 330° N 990° E SWc SE Sec. 31 7N 3E	Carper Weiler Weiler	G. L. 583.3' G. L. 599'
FRANKLIN COUNTY				
Texas American Oil Corp. Texas American Oil Corp. Texas American Oil Corp. Texas American Oil Corp. Texas American Oil Corp. Will I. Lewis Will I. Lewis Will I. Lewis Killion & McClement Oil Prod. Killion & McClement Oil Prod. Killion & McClement Oil Prod.	Hair-Dye #1 Bartolotti #1 Hair #1 Harrison #3 Spann #1 P. Whittington #1A Paul Whittington #5 Whittington #9 Old Ben Coal Corp. #2-A Tew-Sinks Unit #W-1B Tew-Sinks Unit #W-7	330° N 330° W SEC SW SE Sec. 26 5S 1E 490° N 390° SWc NE SE Sec. 35 5S 1E 330° N 460° W SEC NW NE Sec. 35 5S 1E 290° S 330° E NWc SE NE Sec. 35 5S 1E 490° N 330° E SWc NW SE Sec. 35 5S 1E 365° N 365° W SEC SW Sec. 20 5S 3E 330° N 330° E SWc Sec. 20 5S 3E 25° S 25° E NWc SW Sec. 20 5S 3E 465° N 350° W SEC NE NE Sec. 25 7S 2E 494° S 330° E NWc Sec. 29 7S 3E 370° S 330° W NEC Sec. 30 7S 3E	Aux Vases Aux Vases Aux Vases Aux Vases Aux Vases Cypress Hardsburg Cypress Tar Springs Aux Vases Aux Vases	G. L. 483' G. L. 477' G. L. 484' G. L. 490' G. L. 469' G. L. 457' G. L. 451' G. L. 457.2' G. L. 395.28' G. L. 410' G. L. 409'
GALLATIN COUNTY				
American Pump & Supply Co.	Lane #W-1	330° N 330° E SWc NE SE Sec. 32 7S 8E	Palestine	G. L. 403'

WATER INPUT—Continued  
(Permits issued in 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
<b>HAMILTON COUNTY</b>				
American Pump & Supply Co.	* M. Murphy #2-A	330°N 330°E SWc Sec. 32 7S 8E	Lower O'Hara	G.L. 355'
Alva C. Davis Petroleum, Inc.	* J. T. Colton #4	330°S 330°E NWc SW SE Sec. 4 8S 8E	Aux Vases	D.F. 350'
C. Davis Petroleum, Inc.	* Nemaha-Pritchett #2	330°N 330°W SEC NE Sec. 4 8S 8E	Aux Vases	G.L. 366'
Joe Simpkins Oil Developments	* Williams "B" #2	330°S 380°E NWc Sec. 12 8S 9E	Cypress	G.L. 376'
<b>HAMILTON COUNTY</b>				
Tamarack Petroleum Co., Inc.	* Belva-Biggerstaff Comm. #1	330°S 330°E NWc SE NE Sec. 36 3S 7E	Aux Vases	G.L. 377'
Tamarack Petroleum Co., Inc.	* Gray-Hallton #1	330°S 330°W NEC NW NE Sec. 36 3S 7E	Aux Vases	G.L. 377'
Tamarack Petroleum Co., Inc.	* J. O. McIntosh Heirs "B" #1	330°S 330°W SEC Sec. 36 3S 7E	Aux Vases	G.L. 377'
Fletcher F. Farrar	* NW Rural Hill Unit #2	330°S 330°W SEC NE NE Sec. 21 6S 5E	Aux Vases	G.L. 564'
Fletcher F. Farrar	* NW Rural Hill Unit #3	490°S 330°W NEC SE NW Sec. 21 6S 5E	Aux Vases	G.L. 543'
Fletcher F. Farrar	* NW Rural Hill Unit #8	330°S 330°W SEC SW NE Sec. 21 6S 5E	Aux Vases	G.L. 513'
Fletcher F. Farrar	* Uriah Foster #1	330°S 330°E NWc SE SW Sec. 22 6S 5E	Aux Vases Sand	G.L. 483'
Texaco Inc.	* J. C. Hall "B" #3 (Tract 41)	330°S 330°E NWc SW NW Sec. 17 6S 7E	Upper Cypress	G.L. 372'
Texaco Inc.	* J. C. Hall "B" #17 (Tract 41)	380°N 330°E NWc NE SE Sec. 18 6S 7E	Upper Cypress	G.L. 375'
Texaco Inc.	* H. Wheeler #1 (Tract 63)	360°S 330°W NEC SE NW Sec. 19 6S 7E	Cypress	G.L. 381'
W. C. McBride Inc.	* Hunt Bros. "A" #1	330°S 330°E NWc NE NE Sec. 29 6S 7E	Aux Vases	G.L. 370'
<b>JASPER COUNTY</b>				
Union Oil Co. of California	* North Dundas Unit: Sample Cons. #1	660°N 660°E SWc Sec. 9 5N 10E	McClosky	D.F. 489'
Stewart Producers, Inc. & Stewart Bros., a Partnership	* Ritz B #1 W1	330°S 330°W NEC SW Sec. 10 6N 10E	Rosiclar	G.L. 510'
Wichita Industries, Inc.	* Dohm-Byrnes #501	295°N 330°E SWc SE NW Sec. 27 7N 10E	McClosky	G.L. 531'
<b>JEFFERSON COUNTY</b>				
Texaco Inc.	* W. Riggs #1 (Tract 7)	990°N 330°W SEC SW SE Sec. 14 1S 3E	McClosky	G.L. 578'
Texaco Inc.	* D. E. Haynes #5 (Tract 11)	330°S 350°W NEC NW SW Sec. 23 1S 3E	McClosky	G.L. 605'
<b>LAWRENCE COUNTY</b>				
Charles E. Wilson	* Lyons #1-A	990°S 330°W NEC NW SE Sec. 19 2N 11W	Benoist	G.L. 412'
Illinois Mid-Continent Co.	* Carrie Leighty #1	330°S 990°E NWc SE Sec. 20 3N 11W	McClosky	G.L. 410'
Marathon Oil Co.	* Phillip Moore #NN-6	645°S 150°W NEC NW SW Sec. 4 3N 12W	Kirkwood	G.L. 471'
Wayne Smith, Operator, Inc.	* E. Kirkwood #W-3	740°N 330°E SWc NE NE Sec. 11 3N 12W	Cypress	G.L. 440.6'
Wayne Smith, Operator, Inc.	* E. Kirkwood #W-4	740°N 330°W SEC NW NE Sec. 11 3N 12W	Cypress	G.L. 451'
Marathon Oil Co.	* Lydia Seed #UU-22	660°N 80°E SWc NW SW Sec. 15 3N 12W	McClosky	G.L. 467'
Marathon Oil Co.	* R. O. Buchanan #W-5	400°S 270°W NEC SW SE Sec. 16 3N 12W	Kirkwood	G.L. 460'
Marathon Oil Co.	* R. O. Buchanan #UU-24	660°S 50°W NEC SE SE Sec. 16 3N 12W	Kirkwood	G.L. 481'
Hubert W. Rose	* Harold Griggs #B-1	600°N 330°E SWc NW NE Sec. 18 3N 12W	Benoist	G.L. 480'
E. L. Whitmer, Inc.	* Allen Gray #G-4	701°N 701°E SWc SE NW Sec. 19 3N 12W	Benoist	G.L. 478.1'
E. L. Whitmer, Inc.	* Allen Gray #G-6	701°S 701°E SWc SE NW Sec. 19 3N 12W	Benoist	G.L. 492.4'
E. L. Whitmer, Inc.	* Allen Gray #G-7	20°S 726°E NWc Sec. 19 3N 12W	Benoist	G.L. 505.2'

Wayne Smith, Operator, Inc.	* Ruth Hayward #0-2	330° S 330° W NEc SW NW Sec. 25 3N 12W	Benoist	G.L. 490'
Wayne Smith, Operator, Inc.	* George Leighty #35-CP	390° N 280° E SWc NW NW Sec. 25 3N 12W	Benoist	G.L. 491'
Wayne Smith, Operator, Inc.	* Laura Gillespie #25-BP	382° S 889° E NWc NE NE Sec. 26 3N 12W	Benoist	G.L. 479'
Marathon Oil Co.	* Laura Gillespie #AH-35	10° S 100° E NWc SE NW Sec. 27 3N 12W	Hardinsburg	G.L. 509'
Marathon Oil Co.	* Laura Gillespie #EH-35	10° S 1369° W NEc SE NE Sec. 27 3N 12W	Hardinsburg	G.L. 470'
Marathon Oil Co.	* Laura Gillespie #EH-37	1340° S 89° W NEc SE SE Sec. 27 3N 12W	Hardinsburg	G.L. 462'
Marathon Oil Co.	* Leighty a/c 3 #GH-3	100° S 360° W NEc SW SE Sec. 27 3N 12W	Hardinsburg	G.L. 503'
Marathon Oil Co.	* W.E. Robins a/c 3 #H-5	100° S 10° E NWc NE SW Sec. 27 3N 12W	Hardinsburg	G.L. 500'
Marathon Oil Co.	* W.E. Robins a/c 2 #AH-1	100° S 50° E NWc SE Sec. 27 3N 12W	Hardinsburg	G.L. 488'
Marathon Oil Co.	* W.E. Robins a/c 2 #GH-1	33° S 50° W NEc SE Sec. 27 3N 12W	Hardinsburg	G.L. 474'
Marathon Oil Co.	* W.E. Robins a/c 2 #AH-3	0° N 10° E SWc NE SW Sec. 27 3N 12W	Hardinsburg	G.L. 494'
Marathon Oil Co.	* W.E. Robins a/c 2 #CH-3	0° N 28° E SWc NW SE Sec. 27 3N 12W	Hardinsburg	G.L. 491'
Marathon Oil Co.	* W.E. Robins a/c 2 #EH-3	1373° S 1388° W NEc SE Sec. 27 3N 12W	Hardinsburg	G.L. 503'
Marathon Oil Co.	* S.J. Gee a/c 1 #DD-9A	35° N 1075° E SWc NE Sec. 34 3N 12W	Kirkwood	G.L. 522'
Marathon Oil Co.	* L.A. Vandermark #G-5	50° S 50° W NEc Sec. 34 3N 12W	Hardinsburg	G.L. 529'
Marathon Oil Co.	* L.K. Leighty a/c 1 #JR-5	305° S 990° W NEc NW Sec. 35 3N 12W	Paint Creek	G.L. 457'
Wayne Smith, Operator, Inc.	* Gray-Piper Comm. #W-737	1° S 10° E NWc Sec. 12 4N 13W	Paint Creek	G.L. 430'
MADISON COUNTY				
Kingwood Oil Co.	* Appel #3-W	330° S 330° W NEc NW NE Sec. 8 4N 6W	Silurian	
Kingwood Oil Co.	* Appel #4-W	330° S 330° E NWc SW NW Sec. 9 4N 6W	Silurian	
MARION COUNTY				
Texaco Inc.	* Salem Unit O/A Tract 158 (E. Farthing "C" Well #23)	1015° N 685° W Sec NW Sec. 4 1N 2E	Devonian	D.F. 536'
Texaco Inc.	* H.J. Heydick #18 (Tract 165)	707° N 610° W Sec SW Sec. 4 1N 2E	Devonian	G.L. 531'
Texaco Inc.	* Salem Unit O/A Tract 150			
Texaco Inc.	* (J.O. Richardson) Well #16	300° N 500° E SWc SE NW Sec. 5 1N 2E	Aux Vases	D.F. 526'
Texaco Inc.	* Salem Unit O/A Tract 150 Well #17	224° S 142° W NEc SE NW Sec. 5 1N 2E	Salem	D.F. 492'
Texaco Inc.	* Salem Unit O/A Tract 173			
Texaco Inc.	* (V.M. Kalkbrenner) Well #25	868° N 75° W Sec SW Sec. 5 1N 2E	Aux Vases	D.F. 534'
Texaco Inc.	* Salem Unit O/A Tract 175			
Texaco Inc.	* (O.E. Johnson "A") Well #26	1806° N 483° W Sec SW Sec. 5 1N 2E	Aux Vases	D.F. 528'
Texaco Inc.	* Salem Unit O/A Tract 191 Well #28	802° N 119.5° E SWc SE Sec. 5 1N 2E	Salem	D.F. 522'
Texaco Inc.	* Salem Unit O/A Tract 191			
Texaco Inc.	* (L. Hawthorne) Well #33	296° S 1153° W NEc SE Sec. 5 1N 2E	Aux Vases	D.F. 527'
Texaco Inc.	* Salem Unit Tract 145 (J.F. Canull) Well #18			
Texaco Inc.	* Salem Unit O/A Tract 145 Well #28	660° N 430° W Sec NE Sec. 6 1N 2E	Trenton	G.L. 526'
Texaco Inc.	* Salem Unit O/A Tract 179 Well #28	366° S 386° E NWc NE NE Sec. 6 1N 2E	Salem	D.F. 519'
Texaco Inc.	* Salem Unit O/A Tract 178 Well #29	610° S 330° W NEc NW SE Sec. 6 1N 2E	Salem	G.L. 526'
Texaco Inc.	* Salem Unit O/A Tract 178 Well #29	678° N 330° E SWc SE SE Sec. 6 1N 2E	Aux Vases	D.F. 525'
Texaco Inc.	* Salem Unit O/A Tract 184 (A.N. Richardson) Well #7			
Texaco Inc.	* Salem Unit O/A Tract 186 Well #9	720° S 350° W NEc NW NE Sec. 7 1N 2E	Trenton	G.L. 524'
Texaco Inc.	* Salem Unit O/A Tract 190	713° S 330° W NEc Sec. 7 1N 2E	Salem	D.F. 529'
Texaco Inc.	* (B. Hawkins Comm.) Well #1			
Texaco Inc.	* Salem Unit O/A Tract 176 Well #8	330° N 330° E SWc SE NW Sec. 8 1N 2E	Aux Vases	D.F. 551'
Texaco Inc.	* Salem Unit O/A Tract 176	500° N 740° W Sec NE NW Sec. 8 1N 2E	Salem	G.L. 535'
Texaco Inc.	* (B. Hawkins) Well #22	680° S 330° W NEc NW Sec. 8 1N 2E	Aux Vases	D.F. 536'

WATER INPUT—Continued  
(Permits issued in 1971)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
E.C. Reeves	* Harry Corbin, Jr., #2	330'S 990'E NWc NE SW Sec. 22 1N 2E	Rosiclare	G.L. 529.72'
Texaco Inc.	* Salem Unit O/A Tract 34 (M. Young Heirs) Well #20	280'N 333'W SEc SW Sec. 20 2N 2E	McClosky	D.F. 538'
Texaco Inc.	* Salem Unit O/A Tract 85 (S. Shanafelt) Well #11	263.4'S 332'E NWc SW SE Sec. 29 2N 2E	Aux Vases	D.F. 513'
Texaco Inc.	* Salem Unit O/A Tract 53 (R. Shanafelt) Well #19	330'N 280'W SEc NE NE Sec. 29 2N 2E	Aux Vases	D.F. 529'
Texaco Inc.	* Salem Unit O/A Tract 139 (M.T. Williams) Well #24	926'N 344'E SWc SE SE Sec. 31 2N 2E	Aux Vases	D.F. 484'
Texaco Inc.	* Salem Unit O/A Tract 136 (J.W. McConaughay "B") Well #7	350'S 606'W NEc SE SE Sec. 32 2N 2E	Devonian	D.F. 547'
Texaco Inc.	* Salem Unit O/A Tract 122 (W.T. Richardson) Well #8	330'N 330'W SEc NE SW Sec. 32 2N 2E	Aux Vases	D.F. 524'
Texaco Inc.	* Salem Unit O/A Tract 95 Well #22	400'N 375'E SWc NW NE Sec. 32 2N 2E	Devonian	G.L. 490'
Texaco Inc.	* Salem Unit O/A Tract 139 (M.T. Williams) Well #22	450'N 153'E SWc Sec. 32 2N 2E	Aux Vases	D.F. 482'
RICHLAND COUNTY				
Triple "B" Oil Producers, Inc.	* James McVaigh #1	330'N 330'E SWc SE NE Sec. 16 2N 14W	Penn.	G.L. 438'
Wayne Smith, Operator, Inc.	* Betebanner #4-W	330'N 330'E SWc NW SE Sec. 14N 9E	Aux Vases	G.L. 536'
Wayne Smith, Operator, Inc.	* Porter Cons. #1	670'N 330'W SEc SW SW Sec. 1 4N 9E	Rosiclare	G.L. 524'
Wayne Smith, Operator, Inc.	* Porter Cons. #W-3	330'S 330'E NWc SW SW Sec. 1 4N 9E	Rosiclare	G.L. 532'
Union Oil Co. of California	* Stevens #W-7	330'S 330'E NWc SE SW Sec. 1 4N 9E	Rosiclare	G.L. 487'
Union Oil Co. of California	* Fred Berger #1	330'S 330'E NWc SE Sec. 25 4N 9E	Stray Cypress	G.L. 491'
Union Oil Co. of California	* C.E. Lucas #3	330'S 380'E NWc NE NE Sec. 25 4N 9E	Stray Cypress	G.L. 479'
Union Oil Co. of California	* C.E. Lucas #4	180'N 46'W SEc NE NE Sec. 25 4N 9E	Stray Cypress	G.L. 479'
Union Oil Co. of California	* C.E. Lucas #5	77'N 46'W SEc NE Sec. 25 4N 9E	Stray Cypress	G.L. 467'
SALINE COUNTY				
R.K. Petroleum Corp.	* Ralph L. Whitlock #W1-1 (1)	330'N 330'E SWc Sec. 21 8S 6E	Aux Vases	G.L. 379'
R.K. Petroleum Corp.	* Ralph L. Whitlock #W1-2 (1A)	330'S 330'E NWc SW SW Sec. 21 8S 6E	Aux Vases	G.L. 383'
WABASH COUNTY				
Coy Oil, Inc.	* Theodore Case #2	330'N 330'W SEc NE NW Sec. 36 2N 13W	Biehl	G.L. 485'
Southern Triangle Oil Co.	* Wirth #W-2	150'N 60'E SWc SE SW Sec. 26 1S 14W	McClosky	G.L. 397'
Getty Oil Co.	* South Keensburg Unit Tract 12 Well #1	330'N 330'W SEc NW SW Sec. 17 2S 13W	Middle Cypress	G.L. 407'
Getty Oil Co.	* South Keensburg Unit Tract 11 Well #2	990'N 990'W SEc SW Sec. 17 2S 13W	Middle Cypress	G.L. 400'
Getty Oil Co.	* South Keensburg Unit Tract 14 Well #2	330'N 330'W SEc SW SW Sec. 17 2S 13W	Middle Cypress	G.L. 406'
Getty Oil Co.	* South Keensburg Unit Tract 14 Well #4	420'S 110'W NEc NW SW SW Sec. 17 2S 13W	Middle Cypress	G.L. 406'
Texaco Inc.	* E. Compton #3 (Tract 1)	330'N 790'W SEc NW Sec. 19 2S 13W	Biehl	G.L. 417'
Texaco Inc.	* A. Gray #8 (Tract 4)	330'N 330'E SWc NE SE Sec. 19 2S 13W	Weiler	G.L. 411'



Texaco Inc.	* S. Mussett "A" NCT-1-#2-A (Tract 2)	330°N 330°E SWc SE Sec. 19 2S 13W	Blehl	G.L. 409'
Texaco Inc.	* C.J. Stansfield #1 (Tract 3)	330°N 330°E SWc SE Sec. 19 2S 13W	Blehl	G.L. 415'
Texaco Inc.	* C.J. Stansfield #1-A (Tract 3)	280°N 380°E SWc SE Sec. 19 2S 13W	Weiler	G.L. 417'
Texaco Inc.	* A. Gray #1 (Tract 4)	462°N 330°E SWc SE Sec. 20 2S 13W	Weiler	G.L. 417'
Getty Oil Co.	* South Keensburg Unit Tract 16 Well #1	330°S 330°E NWc NE NW Sec. 20 2S 13W	Middle Cypress	G.L. 403'
Texaco Inc.	* South Keensburg Unit Tract 14 Well #6	343°N 330°W Sec NW NW Sec. 20 2S 13W	Middle Cypress	G.L. 406'
Texaco Inc.	* J. Gray #4 (Tract 8)	990°S 330°E NWc SE Sec. 29 2S 13W	Weiler	G.L. 424'
Texaco Inc.	* W. Gray NCT-2-#4 (Tract 15)	330°N 330°E SWc NW SW Sec. 29 2S 13W	Weiler	G.L. 419'
Texaco Inc.	* S. Mussett NCT-2-#1-C (Tract 11)	330°N 330°E SWc NW Sec. 29 2S 13W	Weiler	G.L. 420'
Texaco Inc.	* D. Elkins #2 (Tract 13)	330°N 330°E SWc SE Sec. 29 2S 13W	Weiler	G.L. 418'
Texaco Inc.	* W. Gray Comm. #2 (Tract 15)	990°S 1650°E NWc SE Sec. 30 2S 13W	Weiler	G.L. 419'
Texaco Inc.	* W. Gray "A" #2 (Tract 15)	330°N 330°E SWc SE Sec. 30 2S 13W	Weiler	G.L. 425'
Texaco Inc.	* S. Mussett NCT-2-#1-B (Tract 11)	330°N 330°E SWc SE NE Sec. 30 2S 13W	Weiler	G.L. 418'
Texaco Inc.	* C.E. Schuitz #5 (Tract 7)	330°N 330°E SWc NW NE Sec. 30 2S 13W	Weiler	G.L. 426'
Texaco Inc.	* C.J. Stansfield #4 (Tract 3)	330°N 330°E SWc NE NE Sec. 30 2S 13W	Weiler	G.L. 427'
Royalco, Inc.	* Reiliff-Hocking Comm. #2	330°N 400°E SWc SE SW Sec. 3 2S 14W	O Hara	G.L. 420'
WASHINGTON COUNTY				
N.A. Baldrige	* Walker-Emerick #1	537°S 632°W NEc Sec. 10 2S 1W	Cypress	G.L. 544.5'
WAYNE COUNTY				
Ego Oil Co., Inc.	* Lillie Aug #1-A	405°N 330°W Sec NW SE Sec. 23 1N 5E	Aux Vases	G.L. 470'
Ego Oil Co., Inc.	* Hawkins #1	330°S 330°W NEc SW Sec. 23 1N 5E	Aux Vases	G.L. 430'
Ego Oil Co., Inc.	* Marion J. Hawkins #1	330°N 330°E SWc NW Sec. 24 1N 5E	Aux Vases	G.L. 477'
Texaco Inc.	* F. Schultz #6 (Tract 1)	335°N 685°W Sec NE SE Sec. 21 1N 6E	Aux Vases	G.L. 499'
Union Oil Co. of California	* Central Jordan School Cons.			
Union Oil Co. of California	* Joe Elliott #6	93°S 330°E NWc NE SW Sec. 1 1N 7E	Aux Vases	G.L. 401'
Union Oil Co. of California	* Faller Flood Cons: Gid Miller-B#3	660°N 2283°E SWc SW Sec. 5 1N 8E	D.F. 436'	D.F. 436'
Alva C. Davis	* G.F. Fisher "B" #2	330°S 330°E NWc SE SW Sec. 26 1N 8E	Aux Vases	D.F. 405'
Union Oil Co. of California	* J. P. Molt-A #1	330°N 330°E SWc NE Sec. 31 1N 8E	Rosclaire	D.F. 403'
Verne M. Vaughn	* Card Blessing #1-A	330°N 330°E SWc SE Sec. 32 1N 8E	Aux Vases	G.L. 412'
Union Oil Co. of California	* Lou Patterson #3	90°N 70°E SWc SE Sec. 21 2N 8E	McClosky	G.L. 451'
Union Oil Co. of California	* ZIF Cons.-Willie Hubble-A #3	666°N 1005°E SWc NW Sec. 33 2N 8E	Aux Vases	D.F. 450'
Union Oil Co. of California	* ZIF Cons.-Charles O. Schofield #3	667°S 990°E NWc SW Sec. 33 2N 8E	Aux Vases	D.F. 448'
Texaco Inc.	* F. Furrer #6 (Tract 24)	660°S 990°W NEc Sec. 33 1S 6E	McClosky	G.L. 456'
Tamarack Petroleum Co., Inc.	* Cisne Unit #2	330°S 330°E NWc NE NE Sec. 10 1S 7E	Aux Vases	G.L. 386'
Union Oil Co. of California	* Deer Creek Unit S. S. Allen #8	330°S 330°W NEc SE Sec. 2 1S 8E	McClosky	G.L. 386'
Robinson Production, Inc.	* Robbins #2	330°S 330°E NWc SE 12 N 11 1S 8E	Aux Vases	G.L. 396'
Coy Oil, Inc.	* F. Fleming #2	990°S 330°E SWc SE 8 1S 8E	Aux Vases	D.F. 425'
Union Oil Co. of California	* Deer Creek Unit-W. W. Lawrence #4	330°S 330°E NWc NE Sec. 1S 8E	Aux Vases	G.L. 401'
Royalco, Inc.	* Tibbald #1	330°S 330°E NWc NE NW Sec. 23 1S 8E	McClosky	G.L. 380'
The Noan Petroleum Co.	* Roy Johnson-Jungbecker #1	330°N 330°E SWc NE Sec. 17 2S 9E	Aux Vases	G.L. 390'
The Noan Petroleum Co.	* Elvyn Locke #1	330°N 330°E SWc NW Sec. 17 2S 9E	Aux Vases	G.L. 390'
The Noan Petroleum Co.	* Marshall-Elliott #2	330°N 330°E SWc NE NW Sec. 17 2S 9E	Aux Vases	G.L. 426'
The Noan Petroleum Co.	* Marshall-Elliott #3	330°N 330°E SWc NE NW Sec. 17 2S 9E	Aux Vases	G.L. 426'
Illinois Mid-Continent Co.	* J. H. Percy #5	330°S 330°W NEc NW NW Sec. 25 2S 9E	Aux Vases	G.L. 426'

WATER INPUT—Concluded  
(Permits Issued in 1971)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
<b>WHITE COUNTY</b>				
H. H. Weinert Estate	* Miller-Andrews #21	660°S 330°E NW¼ NE SW Sec. 29 3S 8E	Aux Vases	G.L. 452'
Illinois Lease Operating, Inc.	* Doerr #1A	330°S 330°W NE¼ SE SE Sec. 34 4S 9E	Tar Springs	G.L. 449'
Illinois Lease Operating, Inc.	Doerr #2-A	380°S 330°W NE¼ SE SE Sec. 34 4S 9E	Lower Tar Springs	
Gerty Oil Co.	* North Philipstown Unit (E.S. Dennis "B") Well #D-2	330°S 330°E NW¼ SE SW Sec. 18 4S 11E	Degonia	G.L. 455'
Phillips Petroleum Co.	* Philipstown Unit #5	330°N 330°E NW¼ NE SW Sec. 30 4S 11E	Lower Penn.	G.L. 428'
The Superior Oil Co.	* E. M. Fitton #2	330°S 330°W NE¼ SE Sec. 27 4S 14W	McClosky	D.F. 376'
Coy Oil, Inc.	* Lamp #3	330°S 330°E NW¼ SE NW Sec. 13 5S 8E	O'Hara	G.L. 393'
Coy Oil, Inc.	* Murphy Comm. #3	330°S 330°E NW¼ SW Sec. 13 5S 8E	Aux Vases	G.L. 395'
Coy Oil, Inc.	* Murphy #5	330°S 330°E NW¼ SW Sec. 13 5S 8E	Aux Vases	G.L. 398'
Coy Oil, Inc.	* E. Pyle #1	330°S 330°E NW¼ NE SW Sec. 13 5S 8E	Aux Vases	G.L. 398'
Coy Oil, Inc.	* Finney #7	330°S 330°E NW¼ SE Sec. 14 5S 8E	Aux Vases	G.L. 395'
Coy Oil, Inc.	* R. C. Wilson #1	330°N 330°E SW¼ NW NE Sec. 23 5S 8E NE	Aux Vases	G.L. 395'
Oil Investors Inc.	* Gentry-Lowry #3	330°N 330°W SE¼ SW Sec. 13 6S 8E	Ter Springs	
Oil Investors Inc.	* Gentry-Lowry #7	330°S 380°E NW¼ SW SE Sec. 13 6S 8E	Cypress	G.L. 452'
Coy Oil, Inc.	* Vernon J. Smith #2	330°S 330°W NE¼ NW Sec. 14 6S 8E	Hardsburg	G.L. 447' 25'
Marion Corp.	Roland Pool Unit Area II Tract 9-Well #2	400°S 495°E NW¼ NE NE Sec. 11 7S 8E	Upper Bethel	G.L. 448'
Humble Oil & Refining Co.	* Roland Unit-Area I #39-W	330°S 495°E NW¼ NE NE Sec. 11 7S 8E	Waltersburg	G.L. 418'
John B. Murvin	* Brown-Lamp #2	330°N 330°E SW¼ SE NE Sec. 13 7S 8E	Aux Vases	G.L. 468'
John B. Murvin	* Farris #2	330°S 330°E NW¼ NE SW Sec. 13 7S 8E	Cypress	G.L. 403'
John B. Murvin	* Farris-Hamilton #1	1650°N 1650°E SW¼ SE SW Sec. 13 7S 8E	Cypress	G.L. 429'
John B. Murvin	* Hamilton Heirs #2	330°N 330°W SE¼ SW Sec. 13 7S 8E	Cypress	G.L. 407'
John B. Murvin	* Hamilton Heirs #3	330°N 330°W SE¼ SW Sec. 13 7S 8E	Aux Vases	G.L. 419'

## WELLS PLUGGED 1971

Operator	Well	Location	Total depth	Date plugged	Elev.
<b>ADAMS COUNTY</b>					
Claude McElvain	Charles Kirchherr #3	330° S 330° E NW 1/4 NE SW Sec. 25 1S 5W	677'	4-8-71	G.L. 739'
Claude McElvain	Kochern #4	330° S 330° E NW 1/4 NE SW Sec. 36 1S 5W	687'	3-15-71	G.L. 740'
Petrolin Co., Inc.	Dorley #1-P	330° N 330° W Sec NW NE Sec. 2 2S 5W	685'	8-23-71	G.L. 710'
Ernst and Otis Wright	Wright #2	330° S 390° W Sec NW NE Sec. 2 2S 5W	685'	3-26-71	
Claude McElvain	Chal Louderback #3	330° S 390° W Sec NW NE Sec. 2 2S 5W	684'	6-28-71	
Claude McElvain	Mildred Milliron #5-A	300° N 375° E SW 1/4 NE Sec. 12 2S 5W	684'	8-7-71	
Carl J. Blickhan	Mildred Milliron #6	300° N 425° W Sec NW NE Sec. 12 2S 5W	649'	6-15-71	
Claude McElvain	Mildred Milliron #7	300° N 330° E SW 1/4 NE Sec. 12 2S 5W	606'		
Claude McElvain	Mildred Milliron #8	350° N 350° W Sec NE NE Sec. 12 2S 5W	650'	4-7-71	G.L. 720'
Claude McElvain	Mildred Milliron #10	330° S 390° W NW 1/4 NE Sec. 12 2S 5W	603'	6-17-71	G.L. 702'
<b>BOND COUNTY</b>					
Depolster Drilling Co.	Harnetaux #1	330° S 330° W NE 1/4 SE NW Sec. 27 4N 3W	1140'	4-20-71	G.L. 504.4'
Shakespeare Oil Co., Inc.	Harvey Knebel #1	330° S 330° W NE 1/4 SE NW Sec. 28 4N 4W	2165'	4-26-71	G.L. 500'
Shakespeare Oil Co., Inc.	Osmar Knebel #1	330° N 990° W Sec NE NE Sec. 28 4N 4W	2133'	4-24-71	G.L. 492'
Shakespeare Oil Co., Inc.	Osmar Knebel #2	330° N 990° W Sec NW NE Sec. 28 4N 4W	2133'	4-26-71	G.L. 514'
W. T. Frederick	Nance #1	330° S 330° W NE 1/4 NE NW Sec. 5 5N 4W	627'	11-6-71	G.L. 500'
Gerald Potter	File & Furry #1	330° S 330° W NE 1/4 NE NW Sec. 5 5N 4W	560'	10-12-71	G.L. 485'
Dolphin Operating Co., Inc.	Traub-Towell Comm. #1	330° S 330° E NW 1/4 SE NW Sec. 14 5N 4W	916'	4-22-71	G.L. 484.5'
Goose Creek Oil Co., Inc.	W. Kokorudz #1	330° S 430° W NE 1/4 NW NE Sec. 21 6N 2W	3190'	7-22-71	
Goose Creek Oil Co., Inc.	W. Kokorudz #1-A	330° S 460° W NE 1/4 NW NE Sec. 21 6N 2W	880'	7-23-71	
Goose Creek Oil Co., Inc.	W. Kokorudz #2	330° N 330° E SW 1/4 NW NE Sec. 21 6N 2W	3200'	7-22-71	
Arnold Wilson	Gruener #2	460° S 330° E NW 1/4 NW Sec. 31 6N 4W	605'	8-19-71	G.L. 518.7'
<b>BROWN COUNTY</b>					
Paul V. Harris	Hecox #1	140° S 85° W NE 1/4 NW SW Sec. 32 1S 4W	40'	7-8-71	
Charles Eager	Davis #1	330° N 330° W Sec SW SE Sec. 8 2S 4W	640'	8-20-71	
<b>CHAMPAIGN COUNTY</b>					
Panhandle Eastern Pipe Line Co.	Hartman #1	990° S 330° W NE 1/4 NW NE Sec. 33 17N 8E	1043'	10-13-71	G.L. 681'
Panhandle Eastern Pipe Line Co.	Love Estate #1	330° N 1650° W Sec Sec. 33 17N 8E	1041'	3-29-71	G.L. 675.62'
Panhandle Eastern Pipe Line Co.	Sandwell #1	990° N 330° E SW 1/4 SE NE Sec. 33 17N 8E	1008'	10-27-71	G.L. 681.52'
Panhandle Eastern Pipe Line Co.	Wilson #1	330° N 330° W Sec Sec. 33 17N 8E	1042'	3-29-71	G.L. 684.5'
Panhandle Eastern Pipe Line Co.	Boyer #3	990° N 330° E SW 1/4 SW SW Sec. 34 17N 8E	1067'	3-31-71	G.L. 684.67'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
CHRISTIAN COUNTY					
C. Richard & Floyd Collins, d/b/a Collins Bros. Oil Co.	Hatcher "B" #4	330° S 330° W NEC SE Sec. 34 12N 1E	1564'	12-22-71	G.L. 661'
Daniel W. Wascher	Frazer #1	330° N 330° E SWC NW Sec. 1 13N 1E	2407'	11-16-71	G.F. 617'
Continental Oil Co.	John H. Lawrence #32	330° N 330° E SWC NW Sec. 3 13N 1E	1183'	10-16-71	D.F. 618'
Continental Oil Co.	John H. Lawrence #33	330° N 330° W SEC NW SW Sec. 3 13N 1E	2315'	10-18-71	D.F. 618'
Continental Oil Co.	John H. Lawrence #38	330° N 330° E SWC NW SW Sec. 3 13N 1E	2315'	10-18-71	D.F. 618'
Continental Oil Co.	John H. Lawrence #39	330° N 330° W SEC NW SW Sec. 3 13N 1E	2315'	10-18-71	D.F. 618'
Continental Oil Co.	Haldon Blyvey North #6	330° S 330° W SEC SE Sec. 9 13N 1E	1074'	10-25-71	D.F. 618'
Continental Oil Co.	Clarence C. Grummett #1	330° N 330° E SEC NW Sec. 9 13N 1E	2033'	10-26-71	D.F. 618'
Continental Oil Co.	John H. Lawrence #20	330° S 330° E SEC NW Sec. 9 13N 1E	1074'	10-27-71	D.F. 618'
Continental Oil Co.	John H. Lawrence #45	330° S 330° E SEC NW Sec. 9 13N 1E	1174'	10-27-71	D.F. 618'
Continental Oil Co.	John H. Lawrence #60	330° N 330° E SEC NW Sec. 9 13N 1E	1174'	10-27-71	D.F. 618'
Continental Oil Co.	John W. Myers #8	330° N 380° W SEC SW NW Sec. 10 13N 1E	2327'	10-25-71	D.F. 622'
J. W. Rudy Co.	Peabody #2-A	990° S 365° W NEC NW Sec. 16 13N 1E	1080'	6-24-71	G.L. 614'
J. W. Rudy Co.	Peabody #B-2	990° S 330° E WNC NE Sec. 16 13N 1E	1079'	6-23-71	G.L. 614'
J. W. Rudy Co.	Peabody #3-A	330° S 365° E WNC SW Sec. 16 13N 1E	1055'	6-23-71	G.L. 605'
Jack D. Kuykendall	Peabody #3	330° N 330° E SWC NW Sec. 4 14N 2W	1932'	11-29-71	D.F. 597'
Shure Oil Corp.	Peabody #4	330° S 330° W NEC SE NW Sec. 4 14N 2W	1928'	11-25-71	G.L. 593.6'
W. Carl White	Eileen Schaefer #1	660° S 330° E WNC NE NW Sec. 9 14N 2W	1962'	1-6-71	G.L. 604.7'
John Carey Oil Co., Inc.	Ripdon #1-W	330° N 330° E SWC NE SE Sec. 16 14N 2W	2023'	7-13-71	G.L. 594.84'
Aladdin Oil Development Co.	CECO "B" Lease-Well #1	1656 66° S 330° W NEC NW NE Sec. 13 14N 3W	1945'	1-24-71	G.L. 572.7'
Aladdin Oil Development Co.	Harold Grieve #1	330° N 330° W SEC NW SE Sec. 28 14N 3W	1782'	12-13-71	G.L. 578.5'
Aladdin Oil Development Co.	Linton-Osburner #1	330° N 330° E SWC NW SE Sec. 28 14N 3W	1811'	2-18-71	G.L. 578.5'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Michel #2-A	400° S 300° W NEC NW NW Sec. 28 14N 3W	1734'	11-15-71	G.L. 564.5'
Lewis H. Foster	Henninger #2-B	330° N 652° E SWC SE SW Sec. 29 14N 3W	1760'	6-16-71	G.L. 593'
Lewis H. Foster	Ralph Emerson #1	330° S 330° E WNC SW SE Sec. 30 15N 1W	1940'	11-18-71	G.L. 609'
Comanche Oil Corp.	Emerson #2	330° N 330° E SWC SE Sec. 30 15N 1W	1924'	11-18-71	G.L. 609'
Logan Oil Co.	Vera Swope #1	1650° S 1650° E WNC SW Sec. 7 15N 2W	1780'	11-30-71	G.L. 564'
M & W Oil Co.	Tomlin #2	990° S 330° E WNC NE SE Sec. 7 15N 2W	1822'	7-22-71	G.L. 544'
Pat Gentile	McHenry Comm. #1	330° N 330° E SWC NW Sec. 8 15N 2W	1801'	10-11-71	G.L. 558.3'
I. R. Bennett	Matthews #1	330° S 765° E WNC NE SW Sec. 8 15N 2W	1890'	8-24-71	G.L. 603.2'
Juniper Oil & Gas Co.	Ridgeway Comm. #1	330° N 660° W SEC Sec. 8 15N 2W	1937'	6-3-71	G.L. 615'
Homer Oil Associates	Vera Swope #3	740° N 330° E SWC SE SW Sec. 18 15N 2W	1861'	3-30-71	G.L. 611'
Safari Oil Co.	Thomas Comm. #1	1980° N 330° E SWC of Lot 2 Sec. 18 15N 2W	1809'	4-26-71	G.L. 551.9'
Homer Oil Associates	Thomas #11-H Comm.	330° N 660° W SEC NE SW Sec. 18 15N 2W	1872'	1-3-71	G.L. 608.7'
Jim Jordan	Archer Comm. #1	450° N 914° W SEC NE SW Sec. 18 15N 2W	1750'	4-18-71	G.L. 552.5'
Jim Jordan	Porter #1	330° S 688° E WNC Frac. Sec. 19 15N 2W	1850'	1-19-71	G.L. 595.5'
Joseph W. Miloneus d/b/a M & N Oil Co.	Scholes #1	330° N 330° E SWC NE SW Sec. 19 15N 2W	1872'	1-1-71	G.L. 599'
Jarold Mansfield	Scholes #2	330° N 492° W SEC Sec. 22 15N 2W	1901'	11-30-71	G.L. 584.6'
Homer Oil Associates	Scholes #3	330° S 330° W NEC SE Sec. 22 15N 2W	1899'	12-2-71	G.L. 584.6'
Low #1	Low #1	330° N 357° E SWC NE SW Sec. 22 15N 2W	1901'	12-2-71	G.L. 590.4'
Low #2	Low #2	330° S 330° E SWC NE NW Sec. 25 15N 2W	1915'	6-18-71	G.L. 590.4'
Low #3	Low #3	330° S 330° W NEC SE NW Sec. 25 15N 2W	1923'	6-18-71	G.L. 598.5'
Norville #3	Norville #3	330° S 330° W NEC Lot 2 Frac. NW Sec. 30 15N 2W	1901'	5-19-71	G.L. 584.5'

Comanche Oil Corp. E. A. Funderburk Patrick J. O'Neill	Buzzard #1 Patrick-Moore-Patrick Comm. #1 Zinn Unit #2	330° N 660° W Sec SW SE Sec. 13 15N 3W 330° S 990° W Nec SW SW Sec. 13 15N 3W 330° S 466° E NWc Sec. 23 15N 3W	1845' 1808' 1822'	6-17-71 8-29-71 5-1-71	G.L. 596.6' G.L. 592' G.L. 583.4'
CLARK COUNTY					
J. W. Rudy Co. Duane R. Reed Duane R. Reed Duane R. Reed D. F. Whitton Chas. H. York & D. F. Whitton Harry A. Hirst M. Luther Livengood Max Wezelman Max Wezelman Boyd Marquand	R. Strohm #1 Ira A. Chapman #1 Fox Estate #1 Dori S. Freeland et al #1 Fee #1 Russell Slater #1 Machian #1 Ruth Glick #1 Gerald Morrill #18 Max Wezelman #21 Van Dyke #1	330° N 330° W Sec Sec. 23 9N 11W 330° S 330° E NWc SE Sec. 29 9N 14W 330° N 330° E SWc NE SE Sec. 29 9N 14W 656° N 320° W Sec NE SE Sec. 25 10N 14W 330° N 320° W Sec NE SE Sec. 25 10N 14W 330° S 328° E NWc Sec. 29 11N 10W 990° N 330° E SWc SW Sec. 4 11N 12W 1155° N 600° W Sec SW SW Sec. 12 11N 14W 1485° N 770° W Sec SW Sec. 12 11N 14W 330° N 330° W Sec SW SW Sec. 34 12N 14W	1880' 2304' 2275' 2285' 1383.5' 1415' 2040' 1550' 400' 415' 381'	12-2-71 6-19-71 6-11-71 7-1-71 7-19-71 7-22-71 9-8-71 10-26-71 10-16-71 10-19-71 11-17-71	G.L. 443' G.L. 591' G.L. 592' G.L. 579' G.L. 591' G.L. 541' G.L. 541' G.L. 534' G.L. 554' G.L. 555' G.L. 645'
CLAY COUNTY					
National Associated Petroleum Co. Southern Illinois Oil Producers, Inc. Charles E. Booth Midwest Oil Producers Union Oil Co. of California Jack Hanson d/b/a Hanson Oil Co. Charles E. Booth Union Oil Co. of California R. O. Wilson, II Partlow & Cochenour Goose Creek Oil Co., Inc. Union Oil Co. of California Union Oil Co. of California Lowell & Leon Hagen Goose Creek Oil Co., Inc. Goose Creek Oil Co., Inc. Woodrow T. Franklin W. C. McBride, Inc. Royalco, Inc. R. L. Van Fossan R. K. Petroleum Corp.	Jason Cook #2 L. J. Bissey #2 Klein #1 Stanford #1 Pearley Baylor "A" #1 Kelley #1 Tullett-Hale Comm. #1 Aden L. Moseley C. #1 Routt #1 E. Henderson #1-A M. Smith #2A C. E. Bates #1 C. E. Bates #2 Harrison #1 C. Warren #1-A Curtis Warren #2 Hagen #1 Berlin #1 Sophia B. Lee #1 Brooks #1 Citizens National Bank of Decatur, Trustee #1	330° N 330° E SWc NW SW Sec. 17 2N 6E 330° N 330° E SWc NE Sec. 2 2N 7E 330° S 990° W Nec NW NE Sec. 5 2N 7E 330° S 330° E NWc NE SE Sec. 5 2N 7E 671° S 332° W Nec NW NE Sec. 10 2N 7E 330° S 330° E SWc NE SE Sec. 10 2N 7E 330° S 330° W Nec NW NE Sec. 14 2N 7E 701° S 330° E NWc NW NE Sec. 3 2N 8E 330° N 330° W Sec NE Sec. 15 2N 8E 330° N 400° E SWc NW Sec. 17 2N 8E 330° N 330° E SWc NE Sec. 7 3N 5E 660° S 330° E NWc NE Sec. 16 2N 8E 659° S 330° W Nec NW NE Sec. 16 2N 8E 330° S 660° E NWc Sec. 11 3N 5E 330° S 430° W Nec Sec. 18 3N 5E 330° S 330° W Nec NW NE Sec. 18 3N 5E 430° N 330° W Sec NW SE Sec. 3 3N 7E 330° S 330° W Sec SE NW Sec. 10 3N 7E 330° S 330° W Nec NW NE Sec. 15 3N 7E 330° N 330° W Sec Sec. 19 3N 7E	3162' 3580' 3085' 3163' 3095' 3588' 3148' 2614' 2675' 2660' 2820' 3042' 3050' 2919' 2777' 2788' 3006' 2942' 2989' 3031'	5-27-71 7-25-71 12-25-71 5-7-71 4-15-71 4-23-71 4-20-71 8-5-71 9-14-71 1-18-71 8-10-71 8-13-71 9-1-71 1-28-71 1-28-71 12-9-71 2-15-71 9-17-71 12-23-71	G.L. 495' G.L. 449' G.L. 467' G.L. 462' G.L. 430' G.L. 436' G.L. 453' G.L. 435' G.L. 440' G.L. 449' G.L. 498.3' G.L. 469' G.L. 464' G.L. 547' G.L. 517' G.L. 520' G.L. 431' G.L. 429' G.L. 448' G.L. 463'
Bangert Casing Pulling Corp. Shakespeare Oil Co., Inc. R. H. Billingsley Aimco, Inc. Aimco, Inc. Shawn Oil Co. Bangert Casing Pulling Corp. Union Oil Co. of California Shulman Brothers	Duff Heirs #3-A Stanford-Weiler Comm. #2 Kitley #1 M. Lane #1 J. G. Sieberns #1 R. Wilson #1-A Vivian Hoard #1 James Fulk et al #1 Stanford #4 Viola Gibson #1	40° S 330° E NWc Sec. 20 3N 7E 330° S 330° W Nec NW Sec. 25 3N 7E 660° S 330° W Nec NW Sec. 27 3N 7E 330° S 230° E NWc SE SW Sec. 28 3N 7E 330° S 330° W Nec NW Sec. 28 3N 7E 330° S 330° W Nec NW Sec. 28 3N 7E 330° S 330° W Nec NW Sec. 28 3N 7E 330° S 330° E NWc NE Sec. 28 3N 7E 330° N 660° E SWc SE SW Sec. 11 3N 8E 660° N 330° E SWc SW Sec. 32 3N 8E 330° S 330° E NWc SE NW Sec. 14 4N 5E	3063' 3123' 3039' 3039' 3076' 3041' 3083' 3043' 3222' 3044' 3140' 2549'	7-26-71 9-22-71 10-27-71 2-11-71 7-24-71 10-6-71 7-29-71 5-31-71 4-30-71 8-5-71 7-14-71	G.L. 464' G.L. 462' D.F. 458' D.F. 448' G.L. 450' G.L. 448' G.L. 449' G.L. 446' D.F. 418' G.L. 464' G.L. 539'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Shuman Brothers	Jeffers Comm. #1	330°N 330°E SWc NE NW Sec. 14 4N 5E	2600'	7-6-71	G.L. 532'
Shuman Brothers	Jeffers Comm. #3	330°S 330°E NNWc NE NW Sec. 14 4N 5E	4303'	7-13-71	G.L. 531'
Leo Chambers and Ruby Chambers d/b/a Rulo Oil Co.	Bateman #2	990°S 330°W NEc NW Sec. 1 4N 7E	2985'	4-29-71	D.F. 485'
Leo Chambers and Ruby Chambers d/b/a Rangle Oil Co.	McGary #1-A	371°S 344°W NEc NW NW Sec. 1 4N 7E	2863'	4-27-71	G.L. 484'
Bangert Casing Pulling Corp.	W. Leonard Gibson Comm. #3	330°N 330°E SWc NE NW Sec. 2 4N 7E	2908'	5-26-71	D.F. 480'
Joe A. Dull	Wilbrand #1	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	G.L. 479'
McCullum & Kincaid	W-9 (Murphy #5)	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	W-9 (Murphy #7)	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	W-15 (Murphy #1)	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	W-17 (Murphy #8)	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	Clyde Montoney #1	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	Clyde Montoney #3	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	Montoney #4	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	Murphy #6	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	Pauline Van Houten #2	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
Jack Hanson d/b/a Hanson Oil Co.	Weidner-Phillips #1	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
Harland D. Kincaid	L. Gumble #1	330°N 330°E SWc NE NW Sec. 2 4N 7E	2960'	8-19-71	D.F. 473'
McCullum & Kincaid	Sailor Springs Unit Well #W-21 (Drake #10)	314°S 330°E NWc SW NE Sec. 23 4N 7E	2618'	3-2-71	G.L. 466'
W. C. McBride, Inc.	Paul Erwin #1	330°N 330°E NWc SW NE Sec. 23 4N 7E	3112'	2-17-71	G.L. 466'
W. C. McBride, Inc.	Erwin-Stanley Comm. #1	330°N 330°E NWc SW NE Sec. 23 4N 7E	3112'	5-14-71	D.F. 450'
W. C. McBride, Inc.	B. McCraw #1	315°S 330°W NEc NE NW Sec. 34 4N 7E	2627'	5-17-71	G.L. 450'
Lowell & Leon Hagen	Stanley #1	330°N 330°W NEc NE NW Sec. 34 4N 7E	2627'	5-19-71	G.L. 437'
W. C. McBride, Inc.	J. E. Wilson #1	330°N 330°W NEc NE NW Sec. 34 4N 7E	3030'	6-4-71	G.L. 437'
Triple "B" Oil Producers, Inc.	Frank Kessler #1	330°N 330°W NEc NE NW Sec. 34 4N 7E	2610'	5-24-71	G.L. 444'
Willard McKinney	Mullins #1	330°N 330°W NEc NE NW Sec. 34 4N 7E	3044'	6-21-71	G.L. 441'
Bufay Oil Co.	Klingler #1	330°N 330°W NEc NE NW Sec. 34 4N 7E	3026'	10-5-71	G.L. 479'
Shakespeare Oil Co., Inc.	Aurora-Heimrich #2	330°N 330°W NEc NE NW Sec. 34 4N 7E	3001'	9-15-71	G.L. 479'
Shakespeare Oil Co., Inc.	Heimrich #1	330°N 330°W NEc NE NW Sec. 34 4N 7E	3031'	12-20-71	G.L. 482'
Shakespeare Oil Co., Inc.	Heimrich #3	330°N 330°W NEc NE NW Sec. 34 4N 7E	3029'	12-20-71	G.L. 486'
Shakespeare Oil Co., Inc.	Sohio-Heimrich #2	330°N 330°W NEc NE NW Sec. 34 4N 7E	3034'	12-13-71	D.F. 460'
Shakespeare Oil Co., Inc.	M. Jorgenson #1	330°N 330°W NEc NE NW Sec. 14 4N 8E	3024'	12-16-71	D.F. 460'
Shakespeare Oil Co., Inc.	M. Jorgenson #2	330°N 330°W NEc NE NW Sec. 14 4N 8E	3019'	12-7-71	D.F. 455'
Shakespeare Oil Co., Inc.	M. Jorgenson #3	330°N 330°W NEc NE NW Sec. 14 4N 8E	3028'	12-3-71	D.F. 455'
Shakespeare Oil Co., Inc.	M. Jorgenson #4	330°N 330°W NEc NE NW Sec. 14 4N 8E	3030'	12-1-71	D.F. 456'
Shakespeare Oil Co., Inc.	Worthy Heimrich Hrs. #1	330°N 330°W NEc NE NW Sec. 14 4N 8E	3027'	11-26-71	G.L. 452'
R. O. Wilson, II	C. E. Post #1	660°N 660°W NEc NE NW Sec. 18 4N 8E	2994'	12-22-71	G.L. 457'
Bangert Casing Pulling Corp.	Wright #1	330°N 330°W NEc NE NW Sec. 3 5N 5E	2497'	12-14-71	G.L. 460'
Karchmer Pipe & Supply Co.	V. C. Wright #2	330°N 330°W NEc NE NW Sec. 3 5N 5E	2452'	8-25-71	G.L. 544'
Karchmer Pipe & Supply Co.	Maude B. Danks #2	330°N 330°W NEc NE NW Sec. 3 5N 5E	2450'	4-22-71	G.L. 541'
Harland D. Kincaid	Charles Stumeier #1	330°N 330°W NEc NE NW Sec. 11 5N 5E	2152'	4-20-71	G.L. 531'
Lowell & Leon Hagen	L. Robinson #1	330°N 330°E SWc NE NW Sec. 2 5N 6E	2791'	11-26-71	G.L. 528'
National Associated Petroleum Co.	Charles Frye #1	330°N 330°W NEc NE NW Sec. 2 5N 6E	2808'	5-27-71	G.L. 465'





## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
E. C. Reeves	C.C.C. & St. Louis Railway Co. #1	790°N 989°W Sec 15 12N 7E	2005'	6-8-71	D.F. 715'
E. C. Reeves	Gano Cons. #1	340°N 1113°W Sec 15 12N 7E	2003'	6-8-71	G.L. 713'
Elton M. Botts	Freeman Est. #2	280°N 990°W Sec NW Sec. 23 12N 7E	3210'	6-15-71	G.L. 711.53'
William Zuhone, Jr.	Clarence Bell #1	330°S 330°W Sec NW Sec. 23 12N 7E	3222'	12-15-71	G.L. 721'
Safari Oil Co. & Associates	Robert Strong #7	330°S 330°W Sec NW Sec. 3 12N 7E	2063'	1-27-71	D.F. 776'
Lowell & Leon Hagen	Robert Stevenson #1	330°S 330°W Sec NW Sec. 6 12N 10E	735'	1-5-71	G.L. 687'
Thomas C. Rappe	Borntrager #1	330°S 330°W Sec NW Sec. 9 13N 7E	1864'	1-11-71	G.L. 654'
Thomas C. Rappe	Borntrager #10	990°S 990°E NW Sec NW Sec. 9 13N 7E	3011'	1-12-71	G.L. 649'
Thomas C. Rappe	MacKlin #1	990°S 990°W Sec NW Sec. 9 13N 7E	1885'	1-8-71	G.L. 654'
M. Mazzarino	Beckman & Caton #1	330°N 990°W Sec NW Sec. 9 13N 7E	1885'	1-9-71	G.L. 654'
M. Mazzarino	Beckman #1-A	330°N 330°E SW Sec SW Sec. 35 14N 7E	1818'	10-27-71	D.F. 651'
M. Mazzarino	Beckman #3	370°N 330°E SW Sec. 35 14N 7E	1819'	10-28-71	G.L. 653'
M. Mazzarino	Beckman #4	990°N 990°E SW Sec. 35 14N 7E	1827'	10-26-71	G.L. 650'
Schaefer Oil Co.	Hill-Bolin Unit #1	330°N 990°E SW Sec. 35 14N 7E	1824'	10-25-71	G.L. 649'
Schaefer Oil Co.	Hill-Bolin Unit #2	330°N 330°E SW Sec. 19 14N 8E	1815'	10-18-71	G.L. 647'
		330°N 330°E SW Sec. 19 14N 8E	1866'	11-16-71	G.L. 652'
CRAWFORD COUNTY					
Joe B. Vangilder	Ray Nash #1	330°S 330°E NW Sec. 35 11W	986'	8-6-71	G.L. 566'
Joe B. Vangilder	Pinkstaff #1	330°S 330°W Sec NW Sec. 3 5N 11W	954'	8-5-71	G.L. 568'
D.W. Franchot & Co., Inc.	F. L. Allison #W-4	2°S Sec SE SW Sec. 21 5N 11W	962'	5-19-71	G.L. 511.9'
D.W. Franchot & Co., Inc.	C. Decker #W-9	Sec SW NE Sec. 21 5N 11W	971.6'	6-17-71	G.L. 516.7'
D.W. Franchot & Co., Inc.	Berger Lackey #W-18	674.4°S 30°W Sec NE Sec. 21 5N 11W	958'	5-17-71	G.L. 500'
D.W. Franchot & Co., Inc.	Berger Lackey #W-19	674.2°N 671.2°E SW Sec NE Sec. 21 5N 11W	945'	5-29-71	G.L. 498.2'
D.W. Franchot & Co., Inc.	Berger Lackey #W-20	671.2°E SW Sec NE Sec. 21 5N 11W	928'	5-22-71	G.L. 490.5'
D.W. Franchot & Co., Inc.	L.L. Nicewander #W-81	30°N 30°W Sec Sec. 21 5N 11W	940'	6-14-71	G.L. 466.53'
D.W. Franchot & Co., Inc.	Tilton #O-1 Comm.	337.3°S 336.7°W Sec SE SW Sec. 21 5N 11W	985'	11-19-71	G.L. 536.6'
D.W. Franchot & Co., Inc.	Tilton #2	337°N 337°W Sec NE SW Sec. 21 5N 11W	976'	12-3-71	G.L. 528.6'
D.W. Franchot & Co., Inc.	Tilton #W-13	675°S 673.5°W Sec SW Sec. 21 5N 11W	962'	11-16-71	G.L. 511.7'
D.W. Franchot & Co., Inc.	Tilton #W-28	SW Sec NE SW Sec. 21 5N 11W	967.7'	11-15-71	G.L. 511.9'
D.W. Franchot & Co., Inc.	Tilton #W-29	2°E SW Sec NE SW Sec. 21 5N 11W	953'	9-9-71	G.L. 496.4'
D.W. Franchot & Co., Inc.	A. J. Tilton Unit #W-80	660°N 660°W Sec SW Sec. 21 5N 11W	971'	11-11-71	G.L. 528.07'
D.W. Franchot & Co., Inc.	M.C. Pinkstaff #O-1	337°N 341°E SW Sec NW Sec. 22 5N 11W	952'	5-8-71	G.L. 496.4'
D.W. Franchot & Co., Inc.	M.C. Pinkstaff #W-21	25°N 30°E SW Sec NW Sec. 22 5N 11W	952'	5-13-71	G.L. 483'
D.W. Franchot & Co., Inc.	J.A. Ciers #4	250°S 330°E NW Sec NW Sec. 5 5N 12W	952'	4-10-71	G.L. 491.4'
Charles L. Siler & Robert D. Mikeworth	C.E. Siler a/c 1 #2	700°S 1000°E NW Sec. 5 5N 12W	963'	1-9-71	
Charles L. Siler & Robert D. Mikeworth	C.E. Siler a/c 1 #SA-6	660°S 255°E NW Sec. 5 5N 12W	948'	1-11-71	
Charles L. Siler & Robert D. Mikeworth	C.E. Siler a/c 2 #SB-9	215°N 669°W Sec NE NW Sec. 5 5N 12W	966'	10-15-71	G.L. 502'
Charles L. Siler & Robert D. Mikeworth	W.H. Allison #1	10°S 440°W Sec NE NE Sec. 6 5N 12W	962'	10-4-71	G.L. 492'
Charles L. Siler & Robert D. Mikeworth	Charles L. Siler & Robert D. Mikeworth	220°S 220°E NW Sec NE Sec. 6 5N 12W	924'	10-21-71	G.L. 482'
Getty Oil Co.	R.J. Kent #2	220°N 300°W Sec NW Sec. 10 5N 12W	1013'	9-18-71	G.L. 573.8'
Paul Tuerk & Paul Reece	Maxwell a/c 1 #10	330°N 2204°E SW Sec. 18 5N 12W	1638'	1-5-71	G.L. 511'
Joe Beckner	Dement-Ridgeway Comm. #1				



Royalco, Inc.	Floyd Johnson & Ralph E. Snyder d/b/a	Stanley #1	1495'	4-29-71	G.L. 469'
Royalco, Inc.	D.W. Drake & Marion H. Dome	J.W. Drake #1	1504'	4-30-71	G.L. 479'
Royalco, Inc.	D.W. Drake & Marion H. Dome	J.W. Drake #2	1530'	4-28-71	
	Legg Heirs #4	Chas. Legg #2	1615	4-28-71	
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## WELLS PLUGGED IN 1971 — Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Bradford Supply Co.	J.J. Wattlesworth #19	690°N 755°W SEC SE Sec. 9 7N 13W	1008'	5-22-71	G.L. 530'
Bradford Supply Co.	J.J. Wattlesworth #20	660°S 660°W NEC SE Sec. 9 7N 13W	1001'	4-23-71	G.L. 529'
Berram Oil Corp.	Charles Stantz #1-A	330°S 330°E NWC SW Sec. 10 7N 13W	965'	5-16-71	G.L. 529 2'
Bradford Supply Co.	J.J. Wattlesworth #3	215°N 745°W SEC SW Sec. 10 7N 13W	1022'	2-23-71	G.L. 528'
Bradford Supply Co.	J.J. Wattlesworth #4	215°N 1055°W SEC SE Sec. 10 7N 13W	1022'	5-28-71	G.L. 528'
Bradford Supply Co.	J.J. Wattlesworth #18	669°N 595°W SEC SW Sec. 10 7N 13W	1004'	5-28-71	G.L. 528'
Bradford Supply Co.	Wattlesworth-Kemure #1-43	35°N 50°E SW Sec. 10 7N 13W	958'	4-23-71	G.L. 536'
Homer Kincaid	Walter-Larrabee #1	200°S 300°E NWC SW Sec. 11 7N 13W	940'	4-23-71	G.L. 530'
James A. Stone	Job Randolph #3	165°S 165°W SEC NE Sec. 16 7N 13W	956'	5-23-71	G.L. 530'
James A. Stone	Job Randolph #5	165°N 165°W SEC NE Sec. 16 7N 13W	995'	4-26-71	G.L. 530'
James A. Stone	Job Randolph #J-6	200°S 660°E NWC NE Sec. 16 7N 13W	995'	5-13-71	G.L. 529'
James A. Stone	Job Randolph #H-8 (Old #17)	660°N 660°W SEC SE Sec. 16 7N 13W	970'	4-26-71	G.L. 524 4'
James A. Stone	Job Randolph #12	495°N 165°W SEC NE Sec. 16 7N 13W	997'	12-1-71	G.L. 530'
James A. Stone	Job Randolph #14	660°N 165°W SEC NE Sec. 16 7N 13W	1004'	5-3-71	G.L. 530'
James A. Stone	Job Randolph #15	330°N 660°W SEC SE Sec. 16 7N 13W	994'	4-23-71	G.L. 529'
James A. Stone	Job Randolph #19	185°S 660°W NEC SE Sec. 16 7N 13W	1006'	11-27-71	G.L. 524'
Marathon Oil Co.	Levi Henry a/c #10-1	466°S 931°W NEC SE Sec. 21 7N 13W	1017'	11-24-71	G.L. 524'
Marathon Oil Co.	Levi Henry a/c #10-1	466°S 931°W NEC SE Sec. 21 7N 13W	1017'	3-31-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #10-2	457°S 462°W NEC SE Sec. 21 7N 13W	1011'	3-23-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #10-2	457°S 472°W NEC SE Sec. 21 7N 13W	1011'	3-22-71	G.L. 504'
Marathon Oil Co.	Levi Henry a/c #10-2	462°S 811°W NEC SE Sec. 21 7N 13W	1013'	3-31-71	G.L. 504'
Marathon Oil Co.	Levi Henry a/c #10-2	457°S 862°W NEC SE Sec. 21 7N 13W	1013'	4-1-71	G.L. 504'
Marathon Oil Co.	Levi Henry a/c #26	330°S 330°W NEC SE Sec. 21 7N 13W	1013'	3-12-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #27	330°S 330°W NEC SE Sec. 21 7N 13W	1021'	4-6-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #28	330°S 330°W NEC SE Sec. 21 7N 13W	1015'	4-12-71	G.L. 505'
Marathon Oil Co.	Levi Henry a/c #29	330°S 462°W NEC SE Sec. 21 7N 13W	1011'	3-12-71	G.L. 504'
Marathon Oil Co.	Levi Henry a/c #30	585°S 590°W NEC SE Sec. 21 7N 13W	1012'	3-25-71	G.L. 505'
Marathon Oil Co.	Levi Henry a/c #31	457°S 590°W NEC SE Sec. 21 7N 13W	1016'	3-24-71	G.L. 504'
Marathon Oil Co.	Levi Henry a/c #32	585°S 335°W NEC SE Sec. 21 7N 13W	1020'	3-17-71	G.L. 502'
Marathon Oil Co.	Levi Henry a/c #33	585°S 462°W NEC SE Sec. 21 7N 13W	1008'	3-19-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #34	457°S 725°W NEC SE Sec. 21 7N 13W	1014'	3-26-71	G.L. 505'
Marathon Oil Co.	Levi Henry a/c #35	457°S 335°W NEC SE Sec. 21 7N 13W	1009'	3-16-71	G.L. 505'
Marathon Oil Co.	Levi Henry a/c #36	585°S 862°W NEC SE Sec. 21 7N 13W	1015'	4-2-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #37	457°S 990°W NEC SE Sec. 21 7N 13W	1050'	4-5-71	G.L. 503'
Marathon Oil Co.	Levi Henry a/c #38	330°S 862°W NEC SE Sec. 21 7N 13W	1009'	4-7-71	G.L. 504'
Marathon Oil Co.	Levi Henry a/c #39	202°S 462°W NEC SE Sec. 21 7N 13W	1015'	3-10-71	G.L. 502'
Marathon Oil Co.	Levi Henry a/c #40	457°S 207°W NEC SE Sec. 21 7N 13W	1011'	3-15-71	G.L. 502'
Marathon Oil Co.	Levi Henry a/c #41	712°S 462°W NEC SE Sec. 21 7N 13W	1009'	3-18-71	G.L. 502'
Marathon Oil Co.	Francis Wood HWCI #1 (Henry Unit)	288°N 996°W SEC NE Sec. 21 7N 13W	1004'	4-14-71	G.L. 504'
Marathon Oil Co.	Francis Wood #7	330°N 990°W SEC NE Sec. 21 7N 13W	1008'	4-15-71	G.L. 504'
Marathon Oil Co.	S.J. Henry a/c #E (Henry Unit)	1026°N 684°E SW Sec. 22 7N 13W	1009'	3-30-71	G.L. 499'
James A. Stone	M. Boyd #D-4	653°S 650°W NEC SE Sec. 24 7N 13W	920'	9-6-71	G.L. 452'
James A. Stone	M. Boyd #E-4	10°W NEC SE Sec. 24 7N 13W	936'	9-10-71	G.L. 452'
James A. Stone	M. Boyd #21	332°S 325°W NEC SE Sec. 24 7N 13W	930'	9-16-71	G.L. 452'
James A. Stone	M. Boyd #27-0	330°N 330°W SEC SW Sec. 24 7N 13W	918'	9-1-71	G.L. 452'
James A. Stone	R. Dispennett #E-3	10°S 10°E NWC SW Sec. 24 7N 13W	907'	9-15-71	G.L. 452'

James A. Stone	R. Dispenett #F-4	10° E NWC SE SW SE Sec. 24 7N 13W	921'	9-14-71	G.L. 452'
James A. Stone	R. Dispenett #F-5	42° N 602° E SWC SE Sec. 24 7N 13W	940'	9-4-71	G.L. 452'
James A. Stone	R. Dispenett #20-23	330° S 330° E NWC SW SE Sec. 24 7N 13W	941'	9-13-71	G.L. 452'
James A. Stone	Peter Tracy #WW-1	285° S 100° W NEC NW SE Sec. 24 7N 13W	1100'	9-3-71	G.L. 451'
James A. Stone	Peter Tracy #W-2	457° N 650° W SEC NE SW Sec. 24 7N 13W	923'	12-28-71	G.L. 451'
James A. Stone	Peter Tracy #F-2	212° S 200° W NEC NW SE Sec. 24 7N 13W	925'	12-13-71	G.L. 452'
James A. Stone	Peter Tracy #D-3	20° N 650° W SEC NE SW Sec. 24 7N 13W	910'	12-20-71	G.L. 451'
James A. Stone	P. Tracy #F-3	10° N 10° E SWC SE NE SE Sec. 24 7N 13W	923'	12-18-71	G.L. 452'
James A. Stone	Peter Tracy #0-14	229° N 325° W SEC NE SW Sec. 24 7N 13W	912'	12-7-71	G.L. 539'
James A. Stone	Mollie Walters #D-5	20° S 660° W NEC NW Sec. 25 7N 13W	920'	9-7-71	G.L. 450'
James A. Stone	M.A. Walters #D-6	660° S 660° W NEC NW Sec. 25 7N 13W	938'	9-8-71	G.L. 450'
James A. Stone	Mollie Walters #0-34	330° S 330° W NEC NW Sec. 25 7N 13W	932'	9-2-71	G.L. 501'
Charles L. Dees	Stanley Dees #1	603° S 94° W NEC NW Sec. 28 7N 13W	810'	9-25-71	G.L. 501'
Charles L. Dees	Levi Newlin #3	550° S 160° W NWC NW SE Sec. 28 7N 13W	964'	9-24-71	G.L. 500'
Charles L. Dees	Levi Newlin #6	200° S 600° W NEC NW SE Sec. 28 7N 13W	993'	10-7-71	G.L. 500'
Charles L. Dees	Levi Newlin #7	180° N 670° W NWC NW SE Sec. 28 7N 13W	955'	10-5-71	G.L. 500'
Charles L. Dees	Levi Newlin #8	860° S 960° W NWC NW SE Sec. 28 7N 13W	989'	9-15-71	G.L. 499'
Marathon Oil Co	Wyde Heirs #4	240° N 600° E SWC SW SE Sec. 30 7N 13W	987'	1-7-71	G.L. 492.6'
Bradford Supply Co.	A.P. Woodworth TR W.1 #1	1320° S 660° W NEC SE Sec. 33 7N 13W	1004'	5-25-71	G.L. 488'
Bradford Supply Co.	A.P. Woodworth TR #56	1270° S 420° W NEC SE Sec. 33 7N 13W	1026'	5-24-71	G.L. 488'
Homer Kincaid	Randolph-Waldrop #1	330° S 330° E NWC SE SE Sec. 11 7N 14W	1001'	6-30-71	G.L. 495.4'
Homer Kincaid	Randolph-Waldrop-Jones #2	330° S 380° W NEC SE SE Sec. 11 7N 14W	998'	6-26-71	G.L. 496.1'
Arden Guyer	Henry Maddox #1	660° S 660° W NEC SE SE Sec. 3 8N 12W	2834'	8-26-71	G.L. 511'
Producers Coal, Inc.	Clinton Angel #1	330° S 330° W NEC Sec. 10 8N 12W	2883'	8-19-71	G.L. 484.2'
Producers Coal, Inc.	Spawn #2	330° N 330° E SWC NE SW Sec. 28 8N 12W	985'	11-12-71	G.L. 567.7'
Producers Coal, Inc.	Spawn #3	330° N 330° W SEC NE SW Sec. 28 8N 12W	1079'	11-24-71	G.L. 547'
Producers Coal, Inc.	Spawn #4	330° S 330° E NWC NE SW Sec. 28 8N 12W	1009'	11-13-71	G.L. 552'
Producers Coal, Inc.	Spawn #FW-4	20° S 660° W NEC SW Sec. 28 8N 12W	1100'	11-22-71	G.L. 546'
Producers Coal, Inc.	Spawn #W.D.E. 5-A	660° S 660° W NEC SW Sec. 28 8N 12W	1100'	11-20-71	G.L. 546'
Producers Coal, Inc.	Stifle #3	330° N 330° W SEC NW SW Sec. 28 8N 12W	1000'	11-11-71	G.L. 546'
Producers Coal, Inc.	William & Chapman #1	330° S 330° E SWC SE NW Sec. 28 8N 12W	1080'	11-20-71	G.L. 547'
Producers Coal, Inc.	William & Chapman #3	330° S 330° E NEC SW SW Sec. 28 8N 12W	1002'	11-15-71	G.L. 546'
Producers Coal, Inc.	William & Chapman #FW-6	330° S 330° E SWC SE SW Sec. 28 8N 12W	1050'	11-17-71	G.L. 547'
Producers Coal, Inc.	William & Chapman #W.E.F. 6-A	305° S 630° E NWC SE SW Sec. 28 8N 12W	1009'	11-18-71	G.L. 546'
Producers Coal, Inc.	William & Chapman #FW-6	330° S 330° E NWC SE SW Sec. 28 8N 12W	1100'	11-19-71	G.L. 547'
Producers Coal, Inc.	Osborne #1	330° N 330° E SWC SE SE Sec. 28 8N 12W	998'	11-10-71	G.L. 581.7'
Producers Coal, Inc.	C. Osborne #1	330° N 330° E SWC SE SE Sec. 28 8N 12W	1040'	11-11-71	G.L. 582'
Producers Coal, Inc.	Stifle #2	330° N 330° E SWC SE NE Sec. 28 8N 12W	1060'	11-13-71	G.L. 546'
Producers Coal, Inc.	Guy W. Payne #1-A	330° S 330° E SWC SE NE Sec. 28 8N 12W	1075'	11-16-71	G.L. 546'
Producers Coal, Inc.	Guy W. Payne #1-A	330° N 330° E SWC SE SE Sec. 2 8N 14W	912'	11-13-71	G.L. 559'
Frank Zakowski	Olani Ping et al #1	660° N 688° W SEC NW SW Sec. 25 8N 14W	1199'	1-5-71	G.L. 628.1'
Roy Dannenberg	Siemer #1	330° S 330° W NEC NW SW Sec. 30 9N 7E	2500'	3-17-71	G.L. 571'
National Associated Petroleum Co.	Leland J. Croft #1	990° S 330° E NWC SW SW Sec. 34 9N 8E	2742'	2-11-71	G.L. 571'
Paul V. Harris	Benson #1	330° S 330° W NEC SW Sec. 11 10N 10E	597'	12-31-71	G.L. 640'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #3	1790° S 1557° E NWC Fra. Sec. 18 10N 11E	436'	5-14-71	G.L. 637'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #6	745° S 1340° E NEC NW Fra. Sec. 18 10N 11E	47'	12-8-71	G.L. 630.54'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #15	NWC SW NE NW Fra. Sec. 18 10N 11E	433'	12-8-71	G.L. 632'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #27	1427° S 781° E NWC Fra. Sec. 18 10N 11E	445'	5-14-71	G.L. 632'

## CUMBERLAND COUNTY

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #28	1432'S 400'E NWC Sec. 18 10N 11E	445'	5-13-71	G.L. 638'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #29	1950'S 27'E NWC Fra. Sec. 18 10N 11E	371'	5-5-71	G.L. 633'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #30	1934'S 400'E NWC Fra. Sec. 18 10N 11E	392'	5-13-71	G.L. 637.9'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #31	1921'S 781'E NWC Fra. Sec. 18 10N 11E	452'	5-14-71	G.L. 640.3'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #32	1907'S 1163'E NWC Sec. 18 10N 11E	474'	5-14-71	G.L. 640.4'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #34	2382'S 781'E NWC Sec. 18 10N 11E	411'	5-13-71	G.L. 641'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #35	689'S 374'E NWC Sec. 18 10N 11E	461'	12-18-71	G.L. 634.1'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #46	1800'S 29'E NWC NW Sec. 18 10N 11E	432'	5-5-71	G.L. 633'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #48	3335'S 781'E NWC NW Sec. 18 10N 11E	428'	5-3-71	G.L. 631'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #51	1960'S 400'E NWC Sec. 18 10N 11E	448'	5-3-71	G.L. 631'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #52	2443'S 28'E NWC NW Sec. 18 10N 11E	437'	5-13-71	G.L. 638'
A. Eron d/b/a Acme Casing Pulling Co.	W. H. Chrysler #53	2443'S 28'E NWC NW Sec. 18 10N 11E	441'	5-13-71	G.L. 636'
A. Eron d/b/a Acme Casing Pulling Co.	Chrysler Tr. #2	NEC NW NW NW Sec. 18 10N 11E	470'	12-4-71	G.L. 635'
A. Eron d/b/a Acme Casing Pulling Co.	Chrysler Tr. #3	NEC NW NW NW Sec. 18 10N 11E	511'	12-6-71	G.L. 635'
A. Eron d/b/a Acme Casing Pulling Co.	Chrysler-Kite Cons.	NWC NE NW NW Sec. 18 10N 11E	543'	12-4-71	G.L. 626'
A. Eron d/b/a Acme Casing Pulling Co.	Chrysler-Kite Cons.	SEC NE NE Sec. 18 10N 11E	511'	7-1-71	G.L. 648'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #3	SEC NE NE Sec. 18 10N 11E	481'	6-30-71	G.L. 649'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #7	NWC SE NE Sec. 18 10N 11E	482'	6-24-71	G.L. 647'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #10	NWC SW NE Sec. 18 10N 11E	538'	6-23-71	G.L. 647'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #12	NWC NE NE Sec. 18 10N 11E	476'	6-23-71	G.L. 650'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #18	495'N 378'E SW NE NE Sec. 18 10N 11E	510'	6-25-71	G.L. 650.5'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #21	30'N 30'E SW NE NE Sec. 18 10N 11E	516'	6-25-71	G.L. 652.8'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #22	31'N 31'W SW NE NE Sec. 18 10N 11E	488'	6-25-71	G.L. 646'
A. Eron d/b/a Acme Casing Pulling Co.	C. H. Cochonour #25	382'N 487'E SW NE NE Sec. 18 10N 11E	432'	4-30-71	G.L. 639'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #1	2611'S 225'E NWC Sec. 18 10N 11E	491'	5-4-71	G.L. 646'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #2	SEC NW Sec. 18 10N 11E	400'	4-15-71	G.L. 637'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #4	378'S 200'E NWC SW Sec. 18 10N 11E	457'	5-3-71	G.L. 641'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #5	2576'S 902'E NWC Sec. 18 10N 11E	794'	2-17-71	G.L. 645'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #6	2203'S 1346'W NEC Sec. 18 10N 11E	483'	1-28-71	G.L. 642'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #8	SWC NE SW Sec. 18 10N 11E	468'	2-17-71	G.L. 641'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #9	2126'S 822'W NEC Sec. 18 10N 11E	553'	2-17-71	G.L. 636'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #10	1725'N 200'E SW Sec. 18 10N 11E	549'	1-26-71	G.L. 639'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #11	SEC SW NE SW Sec. 18 10N 11E	509'	2-10-71	G.L. 641'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #12	3160'S 1157'E NWC Sec. 18 10N 11E	438'	5-5-71	G.L. 637'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #13	2856'S 20'E NWC Sec. 18 10N 11E	445'	2-11-71	G.L. 638'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #14	2822'S 400'E NWC Sec. 18 10N 11E	450'	2-10-71	G.L. 638'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #15	2790'S 781'E NWC Sec. 18 10N 11E	470'	2-10-71	G.L. 641'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #16	2759'S 1163'E NWC Sec. 18 10N 11E	425'	4-4-71	G.L. 645.7'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #17	2650'S 1557'E NWC Sec. 18 10N 11E	443'	5-1-71	G.L. 638.8'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #18	2605'S 596'E NWC NW Sec. 18 10N 11E	447'	2-17-71	G.L. 631'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #19	733'S 1343'W NEC SW Sec. 18 10N 11E	464'	2-16-71	G.L. 640.21'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #21	330'S 968'W NEC SW Sec. 18 10N 11E	452'	2-15-71	G.L. 637'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #20	347'S 968'W NEC SW Sec. 18 10N 11E	479'	2-11-71	G.L. 643'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #22	297'S 200'W NEC SW Sec. 18 10N 11E	431'	5-5-71	G.L. 637.8'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #23	2426'S 400'E NWC Sec. 18 10N 11E	462'	5-4-71	G.L. 641'
A. Eron d/b/a Acme Casing Pulling Co.	A. E. Owen #24	2365'S 1165'E NWC Sec. 18 10N 11E			

A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #26	1545' S 1159' W NEc SW Sec. 18 10N 11E	451'	2-11-71	G.L. 634'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #27	1537' S 778' W NEc SW Sec. 18 10N 11E	467'	2-11-71	G.L. 638'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #28	1312' S 1060' W NEc SW Sec. 18 10N 11E	455'	2-11-71	G.L. 636'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #29	1920' N 28' E SWc Frac. Sec. 18 10N 11E	440'	2-11-71	G.L. 634'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #30	918' S 1150' W NEc SW Sec. 18 10N 11E	474'	1-27-71	G.L. 635'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #31	917' S 785' W NEc SW Sec. 18 10N 11E	462'	1-29-71	G.L. 635'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #32	919' S 418' W NEc SW Sec. 18 10N 11E	475'	1-29-71	G.L. 639'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #33	897' S 8' W NEc SW Sec. 18 10N 11E	485'	1-29-71	G.L. 641'
A. Eon d/b/a Acme Casing Pulling Co.	A. E. Owen #34	582' S 1527' W NEc SW Sec. 18 10N 11E	442'	2-11-71	G.L. 630'
DOUGLAS COUNTY					
Schaefer Oil Co.	Lundy #4	330' S 330' E NWc SE NW Sec. 17 14N 8E	1857'	10-19-71	G.L. 671'
Schaefer Oil Co.	Schrock #1	330' N 330' E SWc NW Sec. 17 14N 8E	1807'	10-19-71	G.L. 660'
Elton Botts	Anna Y. Miller C #1	330' N 1650' E SWc SW Sec. 1 15N 7E	1593'	5-27-71	G.L. 658'
Elton Botts	Miller #C-2	330' N 990' E SWc Sec. 1 15N 7E	1599'	5-27-71	G.L. 656'
Elton Botts	Miller #3-C	330' N 330' W SEc SW Sec. 1 15N 7E	1581'	5-27-71	G.L. 658'
Elton Botts	Cline-Schultz Comm. #1	330' S 330' W NEc NW SE Sec. 23 15N 7E	1690'	11-2-71	G.L. 654.55'
Elton Botts	William Jones #5	330' S 330' E NWc Sec. 24 15N 7E	1733'	2-17-71	G.L. 661.37'
Elton Botts	Diener #1	990' S 990' W NEc NW Sec. 25 15N 7E	1731'	9-16-71	G.L. 657.52'
Elton Botts	Diener #2	330' N 330' W SEc NE NW Sec. 25 15N 7E	1725'	10-21-71	G.L. 660.83'
Panhandle Eastern Pipe Line Co	Boyer Comm. #1	330' S 330' E NWc Sec. 3 16N 8E	1064'	3-31-71	G.L. 681.63'
Panhandle Eastern Pipe Line Co	Wm. Clapper #1	330' S 330' E NWc SW Sec. 3 16N 8E	1026'	4-1-71	G.L. 682.19'
Panhandle Eastern Pipe Line Co	Green Est. Comm. #1	1650' N 330' W SEc SW Sec. 4 16N 8E	1035'	4-1-71	G.L. 676'
Panhandle Eastern Pipe Line Co	Bartholow #1	330' N 330' W SEc SW Sec. 4 16N 8E	1028'	10-13-71	G.L. 680'
Panhandle Eastern Pipe Line Co	Bartholow #2	330' S 990' W NEc Sec. 4 16N 8E	1043'	10-5-71	G.L. 682'
Panhandle Eastern Pipe Line Co	Bristow #4	330' N 330' W SEc NE NW Sec. 4 16N 8E	1034'	10-14-71	G.L. 673'
Panhandle Eastern Pipe Line Co	Bundy, Mason & Bristow Comm. #1	330' S 3630' W NEc Sec. 4 16N 8E	1037'	10-14-71	G.L. 673'
Panhandle Eastern Pipe Line Co	Debolt #2	1650' N 990' E SWc SE Sec. 4 16N 8E	1059'	10-5-71	G.L. 668.66'
Panhandle Eastern Pipe Line Co	Debolt #4	873' N 1835' W NEc NE SE Sec. 4 16N 8E	1083'	10-5-71	G.L. 669.8'
Panhandle Eastern Pipe Line Co	Debolt #6	330' N 1650' W SEc Sec. 4 16N 8E	998'	10-27-71	G.L. 667'
Panhandle Eastern Pipe Line Co	Debolt #11	990' N 330' E SWc SW Sec. 4 16N 8E	1026'	10-5-71	G.L. 636'
Panhandle Eastern Pipe Line Co	Schweighart #1	365' N 365' E SWc NE Sec. 4 16N 8E	1140'	10-27-71	G.L. 678'
Panhandle Eastern Pipe Line Co	Schweighart #2	330' N 330' W SEc NE Sec. 4 16N 8E	1068'	10-27-71	G.L. 683'
Panhandle Eastern Pipe Line Co	Schweighart #3	330' S 330' E NWc SW NE Sec. 4 16N 8E	1045'	10-13-71	G.L. 679'
Panhandle Eastern Pipe Line Co	Schweighart "SW" #4	330' S 330' W NEc NE Sec. 4 16N 8E	1065'	10-13-71	G.L. 684.4'
Panhandle Eastern Pipe Line Co	Thomas Bundy #1	990' S 330' E NWc SE Sec. 9 16N 8E	1079'	10-5-71	G.L. 678'
Panhandle Eastern Pipe Line Co	Bundy & Bundy Comm. #1	330' N 330' W NEc SE Sec. 9 16N 8E	1033'	10-14-71	G.L. 669'
Panhandle Eastern Pipe Line Co	Slaker #1	330' N 330' W SEc NE NW Sec. 9 16N 8E	1099'	4-2-71	G.L. 679.96'
Panhandle Eastern Pipe Line Co	Slaker #2	990' S 330' W NEc NE NW Sec. 9 16N 8E	1086'	4-2-71	G.L. 680'
Panhandle Eastern Pipe Line Co	Slaker #3	330' S 660' W NEc NW Sec. 9 16N 8E	1105'	4-2-71	G.L. 680.61'
Panhandle Eastern Pipe Line Co	Louise N. Bundy #1	330' S 330' E NWc NW SW NW Sec. 10 16N 8E	1026'	10-14-71	G.L. 675'
Panhandle Eastern Pipe Line Co	Mason-Bundy #1	330' S 330' E NWc NW NW NW Sec. 15 16N 8E	1080'	10-27-71	G.L. 666.76'
EDGAR COUNTY					
Odis S. Pattillo	Mary Delap #2	330' N 330' W SEc SW Sec. 4 13N 13W	442.6'	5-26-71	G.L. 691'
Barr-Homann & Robison	Steele #1	330' S 330' W NEc NE Sec. 7 13N 13W	476'	11-10-71	G.L. 695'
R.S. English	Raymond Cottle #1	330' N 330' W SEc SE SW Sec. 30 14N 13W	470'	7-15-71	G.L. 680'



## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
<b>EDWARDS COUNTY</b>					
Ram Oil Corp.	Sadie Mitchell, et al #1	330° S 330° W NE Sec. 1 T. 1N 10E	3286'	4-27-71	G.L. 503'
Republic Oil Co.	Mewes Comm. #1	330° S 330° E SWC NW Sec. 21 1N 10E	3357'	6-5-71	G.L. 378'
Edward J. Saxe	Reid-McKenzie Comm. #1	330° S 330° E SWC NW Sec. 14 1S 10E	3360'	3-18-71	G.L. 454'
C.F. Rebstock	Lyle Thread #1	540° S 330° W NE Sec. 15 1S 10E	3381'	1-31-71	G.L. 458'
C.F. Rebstock	Morrison et al-H.J. Utley #1	410° S 330° W NE Sec. 36 1S 20E	3163'	7-29-71	G.L. 519'
C.F. Rebstock	Smith-Utley Unit #1-A	330° N 330° E SWC NE Sec. 36 1S 10E	3141'	8-3-71	G.L. 503'
C.F. Rebstock	Bertha A. Beagley #1	330° N 330° W SE Sec. 31 1S 11E	3118'	7-31-71	G.L. 496'
C.F. Rebstock	Kingwood B. Beagley #2	330° N 330° E SWC NW Sec. 31 1S 11E	3153'	8-20-71	G.L. 516'
C.F. Rebstock	T.R. Buell-M. Chalcraft #2	540° N 425° W SE Sec. 31 1S 11E	3214'	8-12-71	G.L. 491'
C.F. Rebstock	E. Lambert #1	330° N 645° W SE Sec. 31 1S 11E	3216'	8-27-71	G.L. 487'
C.F. Rebstock	J. Lambert #1	330° N 557° E SWC N-1/2 SE Sec. 31 1S 11E	3206'	8-17-71	G.L. 449'
C.F. Rebstock	J. Lambert #3	330° S 330° E SWC NE Sec. 31 1S 11E	3105'	8-4-71	G.L. 489'
C.F. Rebstock	J. Lambert #4	360° S 330° W NE Sec. 31 1S 11E	3187'	8-17-71	G.L. 481'
Shawnee Petroleum Associates, Inc.	Thomas Smith #1	330° N 330° E SWC NE Sec. 31 1S 11E	3158'	8-13-71	G.L. 468'
T.W. George	Raleigh McKibbens #1	330° N 330° E SWC SE Sec. 17 2S 10E	3351'	10-12-71	G.L. 391'
T.W. George	Raleigh McKibbens #2	330° N 330° W SE Sec. 20 2S 10E	3403'	8-13-71	D.F. 386'
Ram Oil Corp.	Alma Schmidt #1	330° N 330° E SWC NE Sec. 20 2S 10E	3393'	8-16-71	D.F. 389'
M.V. Ring	George Pland #1	330° N 990° E SWC NW Sec. 9 2S 14W	3041'	2-8-71	G.L. 399'
The Superior Oil Co.	J.C. Blood #7	330° S 330° W NE Sec. 32 2S 14W	3093'	12-22-71	G.L. 397'
		330° N 330° W SE Sec. 1 3S 10E	3077'	6-11-71	
<b>EFFINGHAM COUNTY</b>					
Robert B. Evans Oil Co.	Clarence F. Mohr #1	330° N 330° W SE Sec. 15 6N 6E	2333'	11-1-71	G.L. 580.6'
Partlow & Cochonour	Kraas #2	330° N 330° E SWC NW NW Sec. 11 6N 6E	2669'	10-12-71	G.L. 485.5'
J.W. Rudy Co.	Verdeyen #1	660° N 660° W SE Sec. 17 6N 6E	2575'	8-26-71	G.L. 478'
George A. Hoffman	Frank Probst #1	330° N 330° E SWC SE Sec. 33 7N 7E	2791'	7-1-71	G.L. 563'
George A. Hoffman	Frank Probst #2	330° N 2310° E SWC Sec. 33 7N 7E	2772'	6-30-71	G.L. 559'
Humble Oil and Refining Co.	Bennett Clagggett #1	530° S 330° E NW NW NW Sec. 6 9N 4E	1560'	6-1-71	G.L. 613'
Walter K. Howard	Huelskoetter #1	330° S 330° W NE Sec. 11 8N 4E	2175'	8-15-71	G.L. 623'
R.H. Troop	Newburn Est. #1	330° S 330° E NW SE SW Sec. 18 8N 4E	1562'	10-29-71	G.L. 603'
R.H. Troop	Newburn #2-W	330° S 430° W NE Sec. 19 8N 4E	1574'	10-28-71	G.L. 614'
M.L. Niemeyer	Millerville #1	430.7 S 365.7 W NE Sec. 30 8N 4E	1933'	12-28-71	G.L. 612'
<b>FAYETTE COUNTY</b>					
Henry Rosenthal & Co., Inc.	Washburn #14	330° N 330° W SE Sec. 30 6N 2E	3185'	1-15-71	G.L. 576'
Humble Oil and Refining Co.	J.F. Patterson #2	330° N 330° W SE Sec. 13 7N 2E	1566'	9-14-71	G.L. 588'
Humble Oil and Refining Co.	J. Patterson #3	330° S 330° E NW SE Sec. 13 7N 2E	1635'	7-29-71	G.L. 569'
Kingwood Oil Co.	W.P. Welker #1-W	465° S 157° W NE Sec. 13 7N 2E	1581'	3-25-71	G.L. 584'
Kingwood Oil Co.	W.P. Welker #2	330° S 330° W NE Sec. 17 7N 2E	1581'	3-25-71	G.L. 584'
Humble Oil and Refining Co.	Wilbur Hawkins #6	330° N 330° W SE Sec. 17 7N 2E	1534'	10-19-71	G.L. 594'
Humble Oil and Refining Co.	Sanford Unit C-443 #1 (Formerly F.M. Mills #1)	330° S 330° E NW NW NW Sec. 3 7N 3E	1581'	7-29-71	G.L. 572'



## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Humble Oil and Refining Co.	Bertha Algood #1	330° N 330° W SEC NE NW Sec. 28 N 3E	1533'	7-20-71	G.L. 602'
Humble Oil and Refining Co.	Minnie Doty #1	330° S 330° E NWC NW Sec. 28 N 3E	1594'	7-20-71	G.L. 602'
Humble Oil and Refining Co.	Elia Huffman #2	330° S 330° E NWC NE SE Sec. 28 N 3E	1606'	7-20-71	G.L. 616'
Humble Oil and Refining Co.	Anna Aslop #4	330° N 330° E SWC SE SW Sec. 38 N 3E	1535'	5-28-71	G.L. 607'
Humble Oil and Refining Co.	Elia Rhedemeyer #7	330° N 330° W SEC NE NW Sec. 38 N 3E	1497'	5-12-71	G.L. 569'
Humble Oil and Refining Co.	Silas Buzzard #2	330° S 330° E NWC NE SE Sec. 38 N 3E	1534'	7-26-71	G.L. 603'
Humble Oil and Refining Co.	Sanford Unit C-443 #12 (Formerly Birdie Hoover #1)	330° S 330° E NWC NW SE NW Sec. 9 8N 3E	1586'	7-29-71	G.L. 595'
Humble Oil and Refining Co.	Thomas Sickles #3	330° N 330° W SEC NE SE Sec. 9 8N 3E	1586'	5-12-71	G.L. 600'
Humble Oil and Refining Co.	Thomas Sickles #3	330° N 330° W SEC NE SE Sec. 9 8N 3E	1586'	5-12-71	G.L. 600'
Humble Oil and Refining Co.	Bob Fortner #3	237° 5' S 388° E NWC NE SE Sec. 10 8N 3E	1535'	8-26-71	G.L. 622'
Humble Oil and Refining Co.	J.W. Lancaster #1	330° N 330° W SEC SW NW Sec. 10 8N 3E	1535'	7-23-71	G.L. 613'
Humble Oil and Refining Co.	Lamina Dial #1	330° N 330° E SWC SE NE Sec. 12 8N 3E	1540'	6-1-71	G.L. 607'
Humble Oil and Refining Co.	Lamina Dial #2	330° S 330° W NEC SE NE Sec. 12 8N 3E	1559'	5-28-71	G.L. 610.5'
Humble Oil and Refining Co.	Roy Doty #2	330° S 330° E NWC NE SE Sec. 12 8N 3E	1505'	8-25-71	G.L. 553'
Humble Oil and Refining Co.	Dreese-Miller #2	330° S 330° W NEC NW NE Sec. 12 8N 3E	1495'	8-25-71	G.L. 551'
Humble Oil and Refining Co.	Joe Huffman #4	330° N 330° W SEC NW Sec. 12 8N 3E	1538'	8-25-71	G.L. 530'
Humble Oil and Refining Co.	H. Stead #3	330° N 330° W SEC SW Sec. 12 8N 3E	1500'	7-20-71	G.L. 552'
Humble Oil and Refining Co.	Ben Kagey #2	330° S 330° W NEC SE SE Sec. 14 8N 3E	1518'	8-27-71	G.L. 567'
Humble Oil and Refining Co.	F.R. Dove #7	660° N 660° E SWC NW SE Sec. 15 8N 3E	1655'	4-29-71	G.L. 527'
Humble Oil and Refining Co.	Ina Howell #3	330° N 330° E SWC SW NW Sec. 15 8N 3E	1632'	5-11-71	G.L. 644'
Humble Oil and Refining Co.	T.N. Logsdon #6	305° S 330° E NWC NE NW Sec. 15 8N 3E	1576'	10-18-71	G.L. 616'
Humble Oil and Refining Co.	L. Wood #10	330° S 330° E NWC NW SW Sec. 15 8N 3E	1589'	5-13-71	G.L. 606'
Humble Oil and Refining Co.	Clinton Miller #2	330° N 330° W SEC NE Sec. 16 8N 3E	1626'	5-11-71	G.L. 638'
Humble Oil and Refining Co.	E. Wood #8	330° S 330° W NEC NE SE Sec. 16 8N 3E	1601'	6-15-71	G.L. 648'
Humble Oil and Refining Co.	Wright School Land #2	SWC SW SE SE Sec. 16 8N 3E	1594'	6-10-71	G.L. 665'
Humble Oil and Refining Co.	Charles Knapp #1	252° N 330° W SEC SW NE Sec. 20 8N 3E	1535'	5-4-71	G.L. 547'
Humble Oil and Refining Co.	Charles Knapp #2-W	330° S 330° W NEC SW NE Sec. 20 8N 3E	1541'	6-15-71	G.L. 582'
Humble Oil and Refining Co.	Charles Knapp #4-W	330° N 330° E SWC NE Sec. 20 8N 3E	1561'	4-28-71	G.L. 591'
Humble Oil and Refining Co.	Mary Scott #1	330° N 330° W SEC NE NE Sec. 20 8N 3E	1594'	8-26-71	G.L. 605'
Humble Oil and Refining Co.	Guy Smith #3	330° S 330° E NWC NE SE Sec. 20 8N 3E	1595'	10-18-71	G.L. 600'
Humble Oil and Refining Co.	Tom Wright #13	330° S 330° W SEC NW SE Sec. 20 8N 3E	1584'	7-9-71	G.L. 601'
Humble Oil and Refining Co.	Isabel Brooks #3	274° N 330° W SEC NW SE Sec. 23 8N 3E	1470'	4-28-71	G.L. 535'
Humble Oil and Refining Co.	Nancy Durbin #2	330° S 330° E NWC SE SE Sec. 23 8N 3E	1487'	4-28-71	G.L. 549'
Humble Oil and Refining Co.	A.M. Grubaugh #2	330° N 330° W SEC NE NE Sec. 23 8N 3E	1488'	11-2-71	G.L. 536'
Humble Oil and Refining Co.	A.M. Grubaugh #3	330° N 330° E SWC NE SE Sec. 23 8N 3E	1486'	5-12-71	G.L. 534'
Humble Oil and Refining Co.	Willie Logue #4	330° N 330° W SEC NE SW Sec. 23 8N 3E	1524'	8-27-71	G.L. 579'
Humble Oil and Refining Co.	Eliza M. Durbin #2	330° S 330° W SEC SW NW Sec. 27 8N 3E	1542'	5-27-71	G.L. 502'
Humble Oil and Refining Co.	John Hogan #3	330° N 330° W SEC NW NW Sec. 27 8N 3E	1520'	5-27-71	G.L. 544'
Humble Oil and Refining Co.	John Hogan #4	330° S 330° E NWC SW NW Sec. 27 8N 3E	1520'	5-27-71	G.L. 589'
Humble Oil and Refining Co.	H.O. Lewis #1	330° N 330° W SEC NW NE Sec. 27 8N 3E	1604'	10-19-71	G.L. 605'
Humble Oil and Refining Co.	H.O. Lewis #2	330° N 330° E SWC SW NE Sec. 27 8N 3E	1583'	5-11-71	G.L. 606'
Humble Oil and Refining Co.	Rudco-Evans #1	SWC NW NE Sec. 28 8N 3E	1587'	6-28-71	G.L. 582'
Natural Gas Pipe-Line Co. of America	M. Tucker SWD #1	56° N 102° W SEC SW NE Sec. 28 8N 3E	1461'	9-2-71	G.L. 603.2'
Humble Oil and Refining Co.	Lydia Weaver #1	330° N 330° E SWC NW NW Sec. 28 8N 3E	1527'	8-26-71	G.L. 525'



Humble Oil and Refining Co.	330° S 65° E NW 36 SW Sec. 29 8N 3E	1568'	8-27-71	G.L. 581'
Humble Oil and Refining Co.	330° S 66° W NE 36 SW Sec. 29 8N 3E	1479'	5-4-71	G.L. 587'
Birdie Kimbrell #5	660° N 330° W Sec SE NW Sec. 29 8N 3E	1485'	7-22-71	G.L. 522'
Birdie Kimbrell #6	330° N 330° W Sec SE NW Sec. 29 8N 3E	1485'	8-27-71	G.L. 520'
F.W. Bottelbusch #3	330° N 330° W Sec SE NW Sec. 30 8N 3E	1563'	7-22-71	G.L. 573'
Anna Tucker #3	330° N 330° W Sec SE NW Sec. 30 8N 3E	1568'	5-27-71	G.L. 598'
Fred L. Brown #10	330° S 330° E NW 36 SW Sec. 31 8N 3E	1565'	6-28-71	G.L. 596'
Edith Hogan #1	330° N 330° W Sec NW NE Sec. 31 8N 3E	1570'	6-28-71	G.L. 598'
Edith Hogan #2-W	330° S 330° W Sec NW NE Sec. 31 8N 3E	1572'	10-13-71	G.L. 597'
Mary Burton #1	660° N 330° E SW 36 NW NE Sec. 32 8N 3E	1595'	6-3-71	G.L. 599'
Mary Burton #2	SW 36 NW NE NW Sec. 32 8N 3E	1520'	7-20-71	G.L. 597'
Mary Burton #6	SE NW Sec. 32 8N 3E	1550'	6-4-71	G.L. 597'
Mary Burton #8	205° S 144° E NW 36 NW NW Sec. 32 8N 3E	1545'	6-9-71	G.L. 593'
E.C. Goetting #1	461° S 230° E NW 36 Sec. 32 8N 3E	1582'	10-13-71	G.L. 613'
E.C. Goetting #3	462° S 708° E NW 36 Sec. 32 8N 3E	1591'	6-8-71	G.L. 595'
E.C. Goetting #4	200° S 218° E NW 36 Sec. 32 8N 3E	1527'	6-9-71	G.L. 603'
E.C. Goetting #8	449° S 366° E NW 36 Sec. 32 8N 3E	1593'	6-7-71	G.L. 585'
T.C. Myers #1	330° S 330° W Sec SW SE Sec. 35 8N 3E	1602'	3-30-71	G.L. 618'
T.C. Myers #2	330° S 330° W Sec SW SE Sec. 35 8N 3E	1614'	3-31-71	G.L. 614'
T.C. Myers #5	330° S 330° E SW 36 Sec. 35 8N 3E	1631'	3-29-71	G.L. 613'
T.C. Myers #6	330° N 330° E SW 36 Sec. 35 8N 3E	1633'	3-24-71	G.L. 609'
T.C. Myers #7	330° N 330° E SW 36 Sec. 35 8N 3E	1602'	3-25-71	G.L. 606'
T.C. Myers #11	330° S 330° W Sec SW SE Sec. 35 8N 3E	1604'	3-26-71	G.L. 609'
Myers #12	330° S 330° E NW 36 Sec. 35 8N 3E	1602'	3-29-71	G.L. 609'
Edith K. Smith #2	330° S 330° E NW 36 Sec. 35 8N 3E	1602'	5-1-71	G.L. 622'
Pratt #1	330° S 330° W Sec NW NE Sec. 19 9N 3E	1952'	10-27-71	G.L. 370.1'
Silas Bazzard #4	330° N 330° E SW 36 Sec. 34 9N 3E	1534'	5-27-71	G.L. 609'
Beck Dial #1	330° N 330° E SW 36 Sec. 35 9N 3E	1533'	6-6-71	G.L. 606'
Beck Dial #2	330° S 330° W Sec SE SW Sec. 35 9N 3E	1539'	6-6-71	G.L. 607'
Nattie Sloan #1	330° N 330° W Sec SE SW Sec. 35 9N 3E	1535'	7-8-71	G.L. 610'
Core Smith #2	330° S 330° E SW 36 Sec. 35 9N 3E	1536'	7-7-71	G.L. 608'
Core Smith #35-6W	330° S 330° E SW 36 Sec. 35 9N 3E	1538'	7-6-71	G.L. 610'
Core Smith #35-16W	330° S 330° E SW 36 Sec. 35 9N 3E	1540'	9-15-71	G.L. 607'
Wills-Gordon #1	330° N 330° W Sec NW NE Sec. 35 9N 3E	1550'	7-15-71	G.L. 606'
Phillips-Wood #1	330° N 330° W Sec NW NE Sec. 35 9N 3E	1541'	7-15-71	G.L. 604'
Phillips-Wood #1-1W	330° S 330° E SW 36 Sec. 36 9N 3E	1582'	7-7-71	G.L. 621'
Phillips-Wood #2	80° N 95° E SW 36 Sec. 36 9N 3E	1582'	9-15-71	G.L. 621'
Phillips-Wood #36-7	330° N 330° W Sec NW NE Sec. 36 9N 3E	1582'	7-7-71	G.L. 621'
A.W. St. Pierre #2	330° N 330° E SW 36 Sec. 36 9N 3E	1561'	5-28-71	G.L. 631'
A.W. St. Pierre #7	330° S 330° E NW 36 Sec. 36 9N 3E	1630'	6-1-71	G.L. 626'
A.W. St. Pierre #8	330° S 330° W Sec SE SW Sec. 36 9N 3E	1570'	6-1-71	G.L. 631'
A.W. St. Pierre #9-W	330° N 330° W Sec NE SW Sec. 36 9N 3E	1570'	6-1-71	G.L. 629'
E.E. Wood #1	330° S 330° E SW 36 Sec. 36 9N 3E	1553'	7-7-71	G.L. 621'
Wills-Gordon #1	330° S 330° E NW 36 Sec. 36 9N 3E	1544'	7-8-71	G.L. 613'
Wills-Gordon #3	330° N 330° W Sec SW NW Sec. 36 9N 3E	1555'	10-12-71	G.L. 618'
Fletcher F. Farrar	330° S 330° E NW 36 Sec. 12 5S 2E	2959'	7-6-71	G.L. 431'
Fletcher F. Farrar	330° S 330° E NW 36 Sec. 12 5S 2E	2780'	7-8-71	D.F. 435'

## FRANKLIN COUNTY

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Fletcher F. Farrar	Plains Pipeline Co. Lease #1 Well #4	330° N 330° W SEC NW Sec. 12 5S 2E	2745'	7-2-71	G.L. 430'
Fletcher F. Farrar	Plains Pipeline Lease #1 Well #5	530° S 300° E NW Sec. 12 5S 2E	2755'	7-7-71	G.L. 430'
Fletcher F. Farrar	Plains Pipeline Co. Lease #1 Well #6	330° N 330° W SEC SW NE Sec. 12 5S 2E	2754'	7-7-71	G.L. 426'
Fletcher F. Farrar	Cipher #1	330° S 330° E NW Sec. 13 5S 2E	2914'	7-14-71	G.L. 428'
L.L. Tuck	Brandalise #1A	275° N 290° W SEC NW SW Sec. 19 5S 2E	2852'	8-14-71	G.L. 455.95'
Illinois Lease Operating, Inc.	Eubanks #1	330° N 330° W SEC NW Sec. 25 5S 2E	2875'	6-30-71	D.F. 434'
Illinois Lease Operating, Inc.	Hurst #1	330° N 330° W SEC NW SW Sec. 25 5S 2E	2844'	6-21-71	D.F. 436'
Illinois Lease Operating, Inc.	Bond Jones #1	330° N 330° E SEC SW Sec. 25 5S 2E	2826'	4-30-71	D.F. 436'
Illinois Lease Operating, Inc.	W.J. Todd #1	330° S 330° E SEC SW Sec. 25 5S 2E	2466'	6-26-71	D.F. 424'
Illinois Lease Operating, Inc.	Todd #1-A	185° S 330° W SEC SW Sec. 25 5S 2E	1687'	6-28-71	D.F. 415'
Illinois Lease Operating, Inc.	Todd #2	330° S 330° W SEC SW Sec. 25 5S 2E	2825'	6-23-71	D.F. 431'
Illinois Lease Operating, Inc.	Todd #4-A	330° S 330° E SEC SW Sec. 25 5S 2E	2486'	6-15-71	D.F. 423'
L.L. Tuck	Emerson #1	330° S 380° E SEC NW Sec. 29 5S 2E	2870'	8-6-71	G.L. 442.86'
Fletcher F. Farrar	Burns-Pickens etal #1	330° N 330° E SEC NW Sec. 36 5S 2E	2810'	4-16-71	D.F. 405'
Fletcher F. Farrar	Burns-Pickens #2	330° N 330° W SEC NW Sec. 36 5S 2E	2831'	5-12-71	D.F. 424'
Fletcher F. Farrar	Burns-Pickens etal #3	330° S 330° E NW Sec. 36 5S 2E	2843'	5-8-71	D.F. 435'
Fletcher F. Farrar	Burns-Pickens #4	330° S 330° E NW Sec. 36 5S 2E	2800'	5-19-71	D.F. 419'
Fletcher F. Farrar	Burns-Pickens #5	330° N 330° W SEC NW Sec. 36 5S 2E	2850'	4-17-71	G.L. 425'
Fletcher F. Farrar	Burns-Pickens #6	330° S 330° W SEC NW Sec. 36 5S 2E	2745'	4-23-71	D.F. 429'
Texas American Oil Corp.	Deputy Hrs. #1-E	330° N 330° W SEC NW Sec. 36 5S 2E	2452'	3-26-71	D.F. 405'
Texas American Oil Corp.	Deputy Hrs. #2-E	330° N 405° W SEC NW Sec. 36 5S 2E	2812'	3-30-71	D.F. 404'
Fletcher F. Farrar	Deputy #3-E	330° N 330° E SEC NW Sec. 36 5S 2E	2844'	5-6-71	D.F. 404'
Fletcher F. Farrar	Deputy #5-E	330° S 330° W SEC NW Sec. 36 5S 2E	2845'	5-3-71	D.F. 433'
Fletcher F. Farrar	Deputy Hrs. Comm. #6-E	330° S 330° W SEC NW Sec. 36 5S 2E	2850'	4-27-71	D.F. 440'
Texas American Oil Corp.	Deputy #7-E	297° S 111° 37' W SEC NW Sec. 36 5S 2E	2845'	5-20-71	D.F. 428'
Texas American Oil Corp.	Palentine Baptist Church #1	330° S 330° E NW Sec. 36 5S 2E	2845'	3-24-71	D.F. 439'
Eber McEndree	Emma M. Rea etal Comm. #1	330° S 330° E NW Sec. 36 5S 2E	2835'	10-28-71	G.L. 423.5'
Texas American Oil Corp.	Stamper #2	330° S 330° W SEC NW Sec. 36 5S 2E	2777'	11-1-71	G.L. 422'
Texas American Oil Corp.	Stamper #2-A	330° N 405° W SEC NW Sec. 36 5S 2E	2824'	4-5-71	D.F. 416'
Fletcher F. Farrar	Stamper #3-A	330° S 405° W SEC NW Sec. 36 5S 2E	2843'	4-7-71	D.F. 416'
Texas American Oil Corp.	Stamper #4-A	330° S 285° E NW Sec. 36 5S 2E	2826'	5-13-71	D.F. 415'
Fletcher F. Farrar	Stamper #5-A	330° S 255° E NW Sec. 36 5S 2E	2841'	4-10-71	D.F. 413'
Fletcher F. Farrar	Stamper #6-A	330° S 330° W SEC NW Sec. 36 5S 2E	2841'	5-15-71	D.F. 419'
Fletcher F. Farrar	Stamper #7-A	330° S 330° W SEC NW Sec. 36 5S 2E	2472'	4-8-71	D.F. 422'
Fletcher F. Farrar	Stamper #8-A	330° S 405° W SEC NW Sec. 36 5S 2E	2832'	5-18-71	D.F. 419'
Fletcher F. Farrar	Stamper #9	330° S 330° E NW Sec. 36 5S 2E	2829'	5-28-71	D.F. 408'
Fletcher F. Farrar	F.H. Stamper etal #10	330° S 330° E NW Sec. 36 5S 2E	2489'	4-2-71	D.F. 407'
Texas American Oil Corp.	F.H. Stamper etal #11	330° S 10° W SEC NW Sec. 36 5S 2E	2498'	4-13-71	D.F. 417'
Texas American Oil Corp.	E.A. Mitchell #1	330° S 330° W SEC NW Sec. 36 5S 2E	2998'	7-19-71	G.L. 431'
Texas American Oil Corp.	E.A. Mitchell #2	330° S 330° W SEC NW Sec. 36 5S 2E	2998'	7-19-71	G.L. 431'
Texas American Oil Corp.	E.A. Mitchell #3	330° S 330° W SEC NW Sec. 36 5S 2E	3002'	7-16-71	G.L. 423'
Fletcher F. Farrar	Plains Pipeline Co. #A-1	330° S 330° E NW Sec. 36 5S 2E	2800'	7-10-71	G.L. 436'
Fletcher F. Farrar	J.D. Bowler #1	330° N 330° W SEC NW Sec. 6 6S 1E	2700'	8-26-71	G.L. 395'
Joe A. Dull	Hughes-Martin #1C	250° S 365° W SEC NW Sec. 5 6S 2E	2871'	7-31-71	G.L. 455.82'

Shell Oil Co.	Shell Benton Flood Unit #240	828°N 418°E SWc SE NW Sec. 38 6S 2E	2230'	9-1-71	G.L. 484'
Shell Oil Co.	Shell Benton Flood Unit #242	823°N 674°E SWc SE NW Sec. 38 6S 2E	2130'	9-1-71	G.L. 488'
Shell Oil Co.	Shell Benton Flood Unit #246	850°N 501°E SWc SE NW Sec. 38 6S 2E	2120'	9-1-71	G.L. 485'
Shell Oil Co.	Shell Benton Flood Unit #247	867°N 479°E SWc SE NW Sec. 38 6S 2E	2121'	9-1-71	G.L. 486'
John H. Morgan	Missouri Improvement Co. #1	330°N 330°E SWc SE NW Sec. 19 7S 1E	2535'	6-13-71	G.L. 397.1'
James H. Morgan	Cuntz #1	330°N 330°E NWc NE NW Sec. 20 7S 1E	2745'	9-1-71	G.L. 432'
Texas American Oil Corp.	Orient #1-S	335°S 335°E NWc NE NW Sec. 12 7S 2E	2875'	7-24-71	D.F. 376'
Texas American Oil Corp.	Orient Water Flood #1-W	990°S 330°W NWc NW Sec. 12 7S 2E	2985'	7-23-71	D.F. 385'
Texas American Oil Corp.	Orient Water Flood #2-W	990°S 330°W NWc NW Sec. 12 7S 2E	2989'	7-23-71	D.F. 385'
Texas American Oil Corp.	Orient #4	353°N 339°E SWc SW NE Sec. 12 7S 2E	2095'	7-24-71	D.F. 384'
Texas American Oil Corp.	Orient #3	338°S 335°E NWc SE NW Sec. 12 7S 2E	2164'	7-23-71	G.L. 389'
Texas American Oil Corp.	Orient #5	338°S 335°E NWc SE NW Sec. 12 7S 2E	2164'	7-23-71	G.L. 389'
Texas American Oil Corp.	Orient #7	346°S 475°E SWc NE NW Sec. 12 7S 2E	2093'	7-23-71	D.F. 386'
Texas American Oil Corp.	Orient #8	351°N 332°W SWc SE NW Sec. 12 7S 2E	2091'	7-23-71	D.F. 389'
Texas American Oil Corp.	Orient #9	330°S 990°E NWc SE NW Sec. 12 7S 2E	2075'	7-22-71	D.F. 393'
Texas American Oil Corp.	Orient #10	335°N 531°W SWc SE NW Sec. 12 7S 2E	2979'	7-21-71	D.F. 407'
Katchmer Pipe & Supply Co.	Horn Diamond "C" #11	830°N 1120°W SWc NW Sec. 24 7S 2E	2940'	12-22-71	G.L. 393'
William E. Lamprey	Zohar Hill #1	369°S 515°E NWc NE NW Sec. 24 7S 2E	2900'	7-13-71	G.L. 385'
Karchmer Pipe & Supply Co.	Horn Diamond #9	266°N 18.9°W SWc NE NW Sec. 24 7S 2E	2898'	12-31-71	G.L. 384'
Killion & McClement Oil Producers	Anold #1D	375°S 330°W NWc NW Sec. 29 7S 3E	2816'	10-19-71	G.L. 443.8'
Stewart Producers, Inc. & Stewart Bros., A Partnership	Becker Heirs #1A	480°N 275°E SWc NE NW Sec. 32 7S 3E	3000'	7-26-71	G.L. 409.9'
Stewart Producers, Inc. & Stewart Bros., A Partnership	Merriman #1A	330°S 330°W NWc NW SW Sec. 32 7S 3E	3000'	5-24-71	G.L. 417.5'
J.D. Turner	Ward #1	330°N 330°W SWc SW SE Sec. 6 7S 4E	2930'	10-11-71	G.L. 412.1'
Tipps Casing Pulling Co.	Bowman #2	330°S 330°E NWc SE NW Sec. 9 7S 4E	3048'	8-16-71	D.F. 480'
Tipps Casing Pulling Co.	Perry #3	330°N 330°E SWc SE NW Sec. 9 7S 4E	3035'	8-11-71	G.L. 449'
Tipps Casing Pulling Co.	Sweet #3	330°S 330°E NWc SE NE Sec. 9 7S 4E		8-17-71	
GALLATIN COUNTY					
Royalco, Inc.	W. H. McKenzie Unit #1	330°S 330°W NWc SE SE Sec. 20 7S 8E	2140'	7-8-71	G.L. 364'
Royalco, Inc.	W. H. McKenzie #2	330°N 330°W SWc NE SE Sec. 20 7S 8E	2140'	7-9-71	G.L. 365'
Humble Oil and Refining Co.	Edwards #1	660°S 660°W NWc NE NE Sec. 21 7S 9E	2971'	11-20-71	G.L. 405'
Humble Oil and Refining Co.	W. F. Edwards #4-W	35°N 35°E SWc NE NE Sec. 21 7S 9E	2974'	11-8-71	G.L. 400'
Royalco, Inc.	Eubanks #1	330°S 330°E NWc SW SW Sec. 21 7S 8E	2143'	7-2-71	G.L. 366'
Royalco, Inc.	T. & R. Eubanks #2	330°S 330°W NWc SW SW Sec. 21 7S 8E	2158'	6-30-71	G.L. 373'
Royalco, Inc.	Oliver-Eubanks #2	330°N 330°W SWc SW SW Sec. 21 7S 8E	2140'	7-1-71	G.L. 363'
Royalco, Inc.	G. A. Woods #3 (Ted Eubanks #3)	330°N 330°E SWc NW SW Sec. 21 7S 8E	2154'	6-26-71	G.L. 384'
Royalco, Inc.	G. A. Woods #4 (Ted Eubanks #4)	330°S 330°E NWc SW SW Sec. 21 7S 8E	2153'	6-28-71	G.L. 379'
Royalco, Inc.	G. A. Woods #5 (Ted Eubanks #5)	330°N 330°E NWc SE NW Sec. 21 7S 8E	2135'	7-6-71	G.L. 365'
Royalco, Inc.	Beasley #1	330°S 330°E NWc NE NW Sec. 28 7S 8E	2134'	7-12-71	G.L. 362'
Royalco, Inc.	Raymond Beasley #2	330°S 330°W NWc NW NW Sec. 28 7S 8E	2112'	7-15-71	G.L. 371'
Dennis P. Paine	Tarrant #1	330°N 330°W SWc SW SW Sec. 33 7S 8E	1738'	10-7-71	G.L. 374'
Eugene E. Morris	Hugh Hall #1	990°S 330°W NWc NE NE Sec. 21 7S 9E	3078'	9-17-71	G.L. 411'
Eugene E. Morris	Clara Jones #1	330°N 990°W SWc SW NE Sec. 22 7S 9E	3098'	9-8-71	G.L. 396'
Richard & Floyd Collins d/b/a Collins Bros. Oil Co.	Lee Edwards #1	330°S 660°E NWc SW NW Sec. 25 7S 9E	3080'	11-24-71	G.L. 381'
Collins Bros. Oil Co.	Thomas Sparrow #1	330°N 330°W SWc NE NE Sec. 25 7S 9E	3027'	11-5-71	G.L. 395'
Howard E. Garrett	Blanche M. Cook et al #1	330°S 330°E NWc NE Sec. 18 9S 9E	2958'	4-29-71	G.L. 374'
Trend Oil Co.	R. M. Walters #1	330°S 330°W NWc SE NW Sec. 8 8S 9E	1774'	5-27-71	G.L. 378'
Richard W. Beeson	F. Fish #4	330°S 330°W NWc SW SE Sec. 33 8S 9E	1573'	11-27-71	G.L. 374'
Tamarack Petroleum Co., Inc.					

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Q. B. Mitchell	Kathryn U. Grabbe #1	330°S 270°W Nec SW Sec. 6 8S 10E	2150.55	12-22-71	G.L. 368'
Western Empire Petroleum Co.	M. G. Kerwin #30-W	330°S 330°E NWC NE SE Sec. 10 8S 10E	2408'	8-19-71	D.F. 348'
Leo Chambers & Ruby Chambers d/b/a Ruleco Oil Co	Max Wilson #1	330°N 330°E SWC NE Sec. 20 8S 10E	2855'	10-5-71	G.L. 347'
Paul S. Knight	Conn #1	1015°N 330°E SWC Sec. 29 8S 10E	2063'	10-12-71	G.L. 344'
Alva C. Davis	Conn #3	413°N 330°W Sec SW Sec. 29 8S 10E	2008'	10-12-71	G.L. 344'
Alva C. Davis	J. R. McCormick #3	330°S 330°E NWC SE SW Sec. 4 9S 9E	1181'	12-2-71	G.L. 371.5'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Green #1	SWC SW SW Sec. 16 9S 9E	2672'	7-28-71	D.F. 355'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	I. B. & E. A. Green #4	330°S 330°E NWC NW SW Sec. 16 9S 9E	1816'	8-3-71	G.L. 354'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Green #1-7 (Formerly #5)	330°N 330°W Sec NE SW Sec. 16 9S 9E	1800'	8-2-71	G.L. 358'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Ivan B. Green #1-9	330°N 330°E SWC NE SW Sec. 16 9S 9E	1802'	8-12-71	G.L. 355'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Green #W1-1 (Formerly Green #3)	330°N 330°W Sec NE SW Sec. 16 9S 9E	1810'	8-6-71	G.L. 354'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Green #2	30°N 645°W Sec Sec. 17 9S 9E	1794'	10-9-71	G.L. 356'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Green #W1-3 (Formerly #6)	SEC SE SE Sec. 17 9S 9E	1820'	8-5-71	G.L. 356'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Green #10	330°N 330°E SWC SE Sec. 17 9S 9E	1816'	8-10-71	G.L. 355'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Ivan B. Green #11	330°N 125°W Sec Sec. 17 9S 9E	1800'	8-7-71	G.L. 355'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	B. H. Easley #1	330°S 286°W Nec NW NW Sec. 20 9S 9E	1817'	8-14-71	G.L. 356'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Jennings #1-5	170°N 330°E SWC NE Sec. 20 9S 9E	1770'	10-8-71	G.L. 358'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	C. H. Logan #1	330°S 286°W Nec NE NW Sec. 20 9S 9E	1810'	8-11-71	G.L. 355'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	C. H. Logan Comm. #2	400°N 500°W Sec NW NE Sec. 20 9S 9E	1767'	8-11-71	G.L. 347'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Mitchell #1	656°S 330°E NWC SW NE Sec. 20 9S 9E	1837'	10-11-71	G.L. 347'
HAMILTON COUNTY					
Tipps Casing Pulling Co.	L. Hall #2	330°S 330°E NWC SW NW Sec. 29 3S 7E	3423'	9-3-71	G.L. 400'
Tipps Casing Pulling Co.	Fields 'B' #1	330°S 330°W Nec SE SW Sec. 30 3S 7E	3428'	8-30-71	G.L. 389'
Tipps Casing Pulling Co.	Johnson #1	330°N 330°W Sec SW NE Sec. 30 3S 7E	3430'	9-4-71	G.L. 388'
Tipps Casing Pulling Co.	Johnson #1	330°S 330°W Nec NW NE Sec. 30 3S 7E	3440'	9-4-71	G.L. 380'
Herbert E. Fear & Gene L. Duncan d/b/a Fear & Duncan	George Johnson #2	330°S 330°W Nec SW NE Sec. 30 3S 7E	3460'	9-22-71	D.F. 390'
C. Richard & Floyd Collins d/b/a Collins Bros. Oil Co	Woltinger #1	330°N 330°E SWC NW SW Sec. 15 4S 7E	3465'	10-22-71	G.L. 392'
Chris Pearson, Sr	Elmer Woodrow #1	330°N 330°E SWC NW NW Sec. 28 4S 7E	3450'	9-13-71	G.L. 457'
W. L. Widick	Edwards #2-A	660°N 330°E SWC Sec. 35 5S 6E	3068'	10-4-71	G.L. 392'
W. L. Widick	H. L. Metcalf #1	330°N 814°W Sec SW Sec. 31 5S 7E	3028'	4-21-71	G.L. 381'
Keystone Oil Co	Metcalf #1-A	280°N 360°W Sec SW Sec. 31 5S 7E	3169'	4-19-71	G.L. 393'
Keystone Oil Co	James Prince #1	330°N 330°W Sec NW SW Sec. 31 5S 7E	3035'	5-24-71	G.L. 393'
Keystone Oil Co	James Prince #2	330°S 330°W Nec NW SW Sec. 31 5S 7E	3035'	5-27-71	G.L. 381'
Ram Oil Corp.	John Beacham #1	330°N 330°E SWC NW SW Sec. 31 5S 7E	3171'	5-20-71	G.L. 384'
Ram Oil Corp.	Mitchell Cons. #W-1	330°S 330°W Nec SE NE Sec. 11 6S 5E	3227'	1-5-71	G.L. 545'
Ram Oil Corp.	Moorman #4-2	660°N 230°E SWC NE Sec. 11 6S 5E	3228'	5-15-71	G.L. 530'
Ram Oil Corp.	Moorman #4-B	560°N 120°W Sec NE Sec. 11 6S 5E	3191'	6-3-71	G.L. 520'
Texaco, Inc.	E. Smith #5	330°S 330°E NWC SW NW Sec. 12 6S 5E	3209'	1-8-71	G.L. 522'
		978°N 986°W Sec Sec. 12 6S 5E	3080'	9-28-71	G.L. 442'

Texaco, Inc.	D. Knight #2	330° N 330° E SWC NW NE Sec. 13 6S 5E	3325'	9-27-71	G.L. 460'
Texaco, Inc.	M. Lockwood #6	330° N 330° E SWC SE SW Sec. 13 6S 5E	3351'	9-15-71	G.L. 498'
Texaco, Inc.	T. Lockwood #7	330° S 330° W NEC SW Sec. 13 6S 5E	3380'	9-10-71	D.F. 505'
Texaco, Inc.	T. Lockwood #4	330° N 990° E SWC NW Sec. 13 6S 5E	3354'	9-22-71	G.L. 512'
Sherman Drilling Co., Inc.	C. R. Sloan #2-A	330° S 330° E NWC SW NW Sec. 13 6S 5E	3410'	5-13-71	G.L. 514'
Sherman Drilling Co., Inc.	C. R. Sloan #3-W	326° S 319° 3' W SEC NW Sec. 13 6S 5E	3385'	4-13-71	G.L. 495'
Sherman Drilling Co., Inc.	C. R. Sloan #4	330° S 330° E NWC SW NE Sec. 13 6S 5E	3384'	4-12-71	G.L. 497'
Sherman Drilling Co., Inc.	C. R. Sloan #5	330° S 330° W NEC NE NE Sec. 13 6S 5E	3388'	4-9-71	G.L. 493'
Sherman Drilling Co., Inc.	C. R. Sloan #6	330° S 330° W NEC SW NE NW Sec. 13 6S 5E	3416'	4-16-71	G.L. 515'
Texaco, Inc.	M. Lockwood #1	990° S 330° W NEC Sec. 14 6S 5E	3200'	9-24-71	G.L. 548'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Dare #1	330° N 330° E SWC SE Sec. 20 6S 5E	3333'	7-28-71	G.L. 547'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	H. Perry #1	330° N 330° W SEC SW Sec. 20 6S 5E	3278'	7-30-71	G.L. 538'
James R. VanBuxkirk	Reed #1-A	330° N 330° E SWC NW NW Sec. 20 6S 5E	3263'	10-6-71	G.L. 538'
S. F. Johnson	Johnson #4	330° S 330° E SWC SE Sec. 21 6S 5E	3252'	4-30-71	G.L. 464.5'
Sherman Drilling Co., Inc.	C. R. Sloan #7	330° S 330° E NWC NW NW Sec. 23 6S 5E	3136'	3-31-71	G.L. 434'
Sherman Drilling Co., Inc.	C. R. Sloan #8	330° S 331° E NWC NE NE Sec. 23 6S 5E	3134'	2-6-71	G.L. 434'
Sherman Drilling Co., Inc.	C. R. Sloan #9	330° S 330° W NEC NE NE Sec. 23 6S 5E	3105'	4-5-71	G.L. 425'
Sherman Drilling Co., Inc.	C. R. Sloan #10	330° N 342° W SEC SW NE Sec. 23 6S 5E	3110'	2-4-71	G.L. 428'
Sherman Drilling Co., Inc.	C. R. Sloan #11-W	330° N 362° W SEC NE SE Sec. 23 6S 5E	3105'	2-2-71	G.L. 425'
Sherman Drilling Co., Inc.	C. R. Sloan #12-W	330° S 336° E NWC NE SE Sec. 23 6S 5E	3304'	4-7-71	G.L. 430'
Sherman Drilling Co., Inc.	C. R. Sloan #13	330° N 330° E SWC NW SE Sec. 23 6S 5E	3307'	2-11-71	G.L. 435'
Sherman Drilling Co., Inc.	C. R. Sloan #14-W	330° N 1005° E SWC NW SE Sec. 23 6S 5E	3200'	12-16-71	G.L. 430'
Asland Oil, Inc.	T. A. Warren #1	330° S 330° W NEC SE Sec. 23 6S 5E	3105'	12-16-71	G.L. 426'
Sherman Drilling Co., Inc.	J. A. Hamilton #1-W	330° S 132° E NWC NE SW Sec. 24 6S 5E	3245'	1-20-71	G.L. 424'
Sherman Drilling Co., Inc.	J. A. Hamilton #2	643° S 330° W NEC NE SE SW Sec. 24 6S 5E	3124'	1-14-71	G.L. 420'
Sherman Drilling Co., Inc.	J. A. Hamilton #3	570° S 522° W NEC SW NE Sec. 24 6S 5E	3308'	1-16-71	G.L. 426'
Sherman Drilling Co., Inc.	J. A. Hamilton #4	506° N 521° W SEC SW NE SW Sec. 24 6S 5E	3129'	1-28-71	G.L. 429'
Sherman Drilling Co., Inc.	Hamilton-McFarland Unit #1-W	330° S 330° W NEC NW SE Sec. 24 6S 5E	3137'	1-11-71	G.L. 425'
Sherman Drilling Co., Inc.	Hamilton-McFarland Unit #2-W	330° N 330° E SEC NW SE Sec. 24 6S 5E	3129'	1-22-71	G.L. 426'
Sherman Drilling Co., Inc.	Hamilton-McFarland Unit #3	330° S 330° E NWC SE Sec. 24 6S 5E	3187'	1-18-71	G.L. 425'
Sherman Drilling Co., Inc.	Hamilton-McFarland Unit #4	330° N 330° W SEC NW SE Sec. 24 6S 5E	3140'	1-30-71	G.L. 433'
Texaco, Inc.	M. Lockwood #10	330° S 330° E NWC NE Sec. 24 6S 5E	3343'	1-27-71	G.L. 425'
Texaco, Inc.	L. W. Smith #7	330° S 330° W NEC Sec. 24 6S 5E	3331'	9-14-71	D.F. 470'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Biddle Comm. #1	330° N 330° W SEC NW SW Sec. 30 6S 5E	3235'	9-21-71	D.F. 481'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Biddle Comm. #2	330° S 660° E NWC SW Sec. 30 6S 5E	3220'	6-10-71	G.L. 493'
Marathon Oil Co.	W.C. Moore #1-A	330° N 330° E SWC NW Sec. 36 6S 5E	3260'	7-6-71	G.L. 481'
Chris Pearson Sr.	J. F. Grimmers #3	330° N 990° W SW NW Sec. 26 6S 5E	3260'	4-1-71	G.L. 471'
Chris Pearson Sr.	Edwards #1-A	660° S 330° W NEC SW Sec. 36 6S 5E	3059'	9-24-71	G.L. 404'
J. V. Canterbury	Carroll Flint #2	330° S 660° W NEC Sec. 3 6S 6E	3080'	9-20-71	G.L. 404'
J. V. Canterbury	Carroll A. Flint #3	330° N 330° E SWC Sec. 3 6S 6E	3055'	9-30-71	G.L. 399'
David F. Herley	Allen Heirs #1	330° S 330° E NWC SW Sec. 3 6S 6E	3056'	7-17-71	G.L. 409'
Continental Oil Co.	Amos Cluck #1	330° S 330° E NWC NE Sec. 5 6S 6E	3170'	7-20-71	G.L. 409'
Stewart Producers, Inc., & Stewart Bros. A Partnership	Amos Cluck Unit #1	330° S 330° E NWC Sec. 9 6S 6E	3231'	5-24-71	G.L. 464'
		330° N 330° W SEC NW NW Sec. 9 6S 6E	3280'	6-23-71	G.L. 420'
				10-16-71	G.L. 411'



## WELLS PLUGGED IN 1971 —Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Stewart Producers, Inc., & Stewart Bros., A Partnership	Arthur C. Lineberry B-1	330° S 330° W NEc NW NE Sec. 9 6S 6E	3100'	12-15-71	D.F. 428'
Frank W. King, Jr.	W.M.R. Cottingham #3	330° N 330° E SWc NW NW Sec. 10 6S 6E	3058'	5-18-71	G.L. 402'
Stewart Producers, Inc., & Stewart Bros., A Partnership	Williams Heirs #5W1	330° S 330° E NWc SW SW Sec. 10 6S 6E	3113'	10-20-71	G.L. 395'
Stewart Producers, Inc., & Stewart Bros., A Partnership	Henry Cantrell #1	330° N 330° E SWc Sec. 18 6S 6E	3415'	4-9-71	G.L. 544'
Texaco, Inc.	F. Gott #1	990° N 990° W SEC NW Sec. 18 6S 6E	3209'	10-4-71	G.L. 532'
Texaco, Inc.	J. C. Hall #1	330° N 330° E SWc NW NW Sec. 18 6S 6E	3323'	10-1-71	G.L. 468'
Wavell Burton	H. C. Brockett #1	330° N 330° E SWc NE Sec. 19 6S 6E	3308'	12-14-71	G.L. 430'
J. V. Canterbury	Flint #4	330° S 330° W NEc NW NW Sec. 19 6S 6E	3068'	7-7-71	G.L. 411'
Orba Howard & Wavell Burton	Reeves #2	330° S 330° W NEc Sec. 24 6S 6E	3165'	12-18-71	G.L. 396.4'
Texaco, Inc.	J. Johnson #1 (Tract 2)	330° N 330° W SEC SW Sec. 26 6S 6E	3135'	7-7-71	G.L. 380'
Texaco, Inc.	Johnson Comm. #1	330° N 330° W SEC SW SE Sec. 26 6S 6E	3107'	6-28-71	G.L. 377'
Texaco, Inc.	Johnson Comm. #2 (Tract 3)	330° S 330° E NWc SW SE Sec. 26 6S 6E	3104'	6-30-71	G.L. 375'
Texaco, Inc.	McGill Comm. #1 (Tract 4)	330° S 330° E NWc SE Sec. 26 6S 6E	3107'	6-29-71	G.L. 375'
Texaco, Inc.	S. Rhoads #1	330° S 330° W NEc SW NW Sec. 34 6S 6E	3173'	7-8-71	G.L. 397'
Texaco, Inc.	J. A. Irvin #1-A	358° S 359° E NWc SW NE Sec. 35 6S 6E	3128'	7-12-71	G.L. 388'
Texaco, Inc.	J. A. Irvin "B" #1 (Tract 6)	330° S 330° E NWc NE Sec. 35 6S 6E	3119'	7-2-71	G.L. 395'
Texaco, Inc.	J. A. Irvin "A" #2-W (Tract 5)	100° N 50° E SWc NE Sec. 35 6S 6E	3180'	7-7-71	G.L. 406'
Texaco, Inc.	J. A. Irvin "A" #3 (Tract 5)	360° N 330° E SWc NE Sec. 35 6S 6E	3190'	7-6-71	G.L. 420'
Joe A. Dull	Young Heirs #1	330° N 330° E SWc NW Sec. 18 6S 7E	3127'	10-6-71	G.L. 414'
W. C. McBride, Inc.	Hunt Bros. #1	330° S 330° E NWc NE SW Sec. 21 6S 7E	3245'	5-10-71	G.L. 363'
W. C. McBride, Inc.	Richard Pickens #1	330° N 330° W SEC NW NE Sec. 29 6S 7E	3265'	5-3-71	G.L. 367'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Richard Pickens #2	330° S 330° W NEc NW NE Sec. 29 6S 7E	3258'	5-4-71	G.L. 367'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	J.D. McFarland #1	330° S 330° E NWc SW SW Sec. 4 7S 5E	3223'	1-15-71	G.L. 490'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Switzer Comm. #1	330° N 330° W SEC SW NE Sec. 5 7S 5E	3238'	1-25-71	G.L. 498'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Sallie Waller et al #1	330° S 330° W NEc SE SE Sec. 5 7S 5E	3226'	1-5-71	G.L. 495'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Sallie Waller #2	330° N 330° W SEC SE Sec. 5 7S 5E	3236'	1-21-71	G.L. 512'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Williams Heirs #2	330° N 330° W SEC NE Sec. 5 7S 5E	3219'	1-1-71	G.L. 483'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Williams-Smith Comm. #3	330° N 330° W SEC NW SE Sec. 5 7S 5E	3220'	5-26-71	G.L. 514'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Lillian Bundy #4	330° N 330° W SEC SW SW Sec. 9 7S 5E	3293'	5-28-71	G.L. 539'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Davis-Harris #1	330° N 330° W SEC SW NE Sec. 9 7S 5E	3302'	7-27-71	G.L. 530'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	George W. Hogan Jr., et al #1	330° N 330° E SWc SE SW Sec. 9 7S 5E	3322'	6-5-71	G.L. 552'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	George W. Hogan Jr., et al #2	330° S 330° E NWc SE SW Sec. 9 7S 5E	3382'	7-21-71	G.L. 618'

C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	George W. Hogan Jr., et al #3	330° N 330° W Sec SW Sec. 9 7S 5E	3387'	6-3-71	G.L. 621'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Sanders et al #1	330° S 330° W NEc NW SE Sec. 9 7S 5E	3318'	7-29-71	G.L. 542'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Adkisson Comm. #2	990° N 330° W NEc NW SE Sec. 10 7S 5E	3260'	5-12-71	G.L. 465'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	Hogan "A" #1 Water Supply	330° S 330° E NWc NE NW Sec. 16 7S 5E	3327'	7-21-71	G.L. 572'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	G. W. Hogan "B" #3	330° N 330° W Sec NW NW Sec. 16 7S 5E	3278'	7-8-71	G.L. 511'
C.E. Brehm d/b/a C.E. Brehm Drilling & Producing	A. Patterson #1	330° N 330° E SWc NE NW Sec. 16 7S 5E	3312'	7-7-71	G.L. 535'
JACKSON COUNTY					
Texaco, Inc.	Consolidation Coal Co. #1	130° S 330° W NEc SW SE Sec. 18 7S 1W	2250'	9-21-71	G.L. 410'
Herbert Lohman & Henry Fedderke	Roberts #1	330° N 330° E SWc NW Sec. 22 7S 4W	970'	11-17-71	G.L. 562.7'
JASPER COUNTY					
Triple "B" Oil Producers, Inc.	A. Fulk #2	330° S 330° E NWc SE NE Sec. 19 5N 8E	2621'	9-23-71	G.L. 501'
John M. Zanetis, Zanetis Oil Properties	Workman #2	330° S 455° E NWc SE Sec. 19 5N 8E	2620'	12-7-71	G.L. 509'
John M. Zanetis, Zanetis Oil Properties	I. L. Blair #1	330° S 330° E NWc SE NE Sec. 22 5N 9E	3105'	5-25-71	G.L. 509'
John M. Zanetis, Zanetis Oil Properties	A. Blair #1	660° S 330° E NWc SW NW Sec. 23 5N 9E	3076'	6-28-71	G.L. 3076'
John M. Zanetis, Zanetis Oil Properties	Keller #4	330° S 330° E NWc SE NE Sec. 5 5N 10E	2830'	5-21-71	G.L. 510'
John M. Zanetis, Zanetis Oil Properties	Keller #2-A	330° S 330° W NEc SE NE Sec. 6 5N 10E	2900'	6-17-71	G.L. 516'
John M. Zanetis, Zanetis Oil Properties	Keller #5-A	330° S 330° W Sec SW NE Sec. 6 5N 10E	2896'	6-12-71	G.L. 521'
Triple "B" Oil Producers, Inc.	McConnell #8	330° S 330° W NEc SW SW Sec. 6 5N 10E	3100'	9-18-71	G.L. 528'
John M. Zanetis, Zanetis Oil Properties	Payne Heirs #3	330° S 330° E SWc NE NE Sec. 6 5N 10E	2865'	7-1-71	G.L. 518'
R. L. Grubaugh	L. K. Gustin #1	330° S 330° W NEc SW NE Sec. 9 5N 10E	3336'	5-4-71	G.L. 491'
Triangle Oil Co. Inc.	R. Aldridge #2	330° S 330° E NWc NE NW Sec. 16 5N 10E	2943'	1-14-71	G.L. 544'
Donald E. Schmitt	Tedford #1	330° S 660° E NWc NE NW Sec. 20 5N 10E	2200'	9-9-71	G.L. 483'
Donald E. Schmitt	Tedford #3	330° S 330° E NWc NE NW Sec. 20 5N 10E	3231'	7-10-71	G.L. 482'
J. W. Rudy Co.	Menke #1	330° S 330° W NEc NW Sec. 6 5N 11E	2860'	1-12-71	G.L. 460'
John M. Rudy Co.	Menke #2	600° N 330° E SWc NW Sec. 6 5N 11E	2854'	1-7-71	G.L. 464'
John M. Zanetis, Zanetis Oil Properties	James Ochs #1	660° N 990° E SWc SE SW Sec. 5 5N 14W	2830'	1-20-71	G.L. 458'
John M. Zanetis, Zanetis Oil Properties	J. Reis #1	660° N 990° W NEc NW Sec. 6 5N 14W	2882'	9-4-71	G.L. 456'
C. Richard Collins & Floyd Collins d/b/a Collins Bros. Oil Co.	Reis #1A	330° S 330° W NEc SW NE Sec. 6 5N 14W	2880'	10-19-71	G.L. 460'
C. Richard Collins & Floyd Collins d/b/a Collins Bros. Oil Co.	Dobbs-Kincade #1	90° S 248° W NEc SW SW Sec. 34 6N 9E	3075'	11-23-71	G.L. 551'
George Parrish d/b/a Parrish Production Co.	Burton Salyers #1	330° N 165° W Sec NE NW Sec. 34 6N 9E	3072'	11-18-71	D.F. 543'
Donald E. Schmitt	R. A. Bergbower #B-1	330° S 330° W NEc NW NW Sec. 34 6N 10E	2016'	8-12-71	G.L. 427.7'
Edwin L. Stees	T. Bergbower #1	1650° S 430° W NEc Sec. 5 6N 10E	3128'	3-30-71	G.L. 537'
Rusk and Williams	Everett Ross #1	330° N 330° E SWc NE SE Sec. 5 6N 10E	2876'	11-17-71	G.L. 476'
Rusk and Williams	Fred Boyd #1	330° S 330° W NEc SW Sec. 8 6N 10E	2876'	5-28-71	G.L. 524'
Martin Heinrich	Boyd Comm. #1	330° S 330° W NEc NW Sec. 8 6N 10E	2869'	4-16-71	G.L. 521'
Wayne Smith Operator, Inc.	A. Kocher #1	660° S 330° W NEc SW SW Sec. 11 6N 10E	2748'	3-26-71	G.L. 472'
Wayne Smith Operator, Inc.	May #1	330° S 330° E NWc NE NE Sec. 17 6N 10E	3167'	9-14-71	G.L. 519'
Southern Ireland Oil Co.	Ralph May #SWD-1	231° N 990° E SWc SE NE Sec. 17 6N 10E	2819'	9-15-71	G.L. 521'
James A. Stone	J. Keller #2	330° N 330° E SWc SE NE Sec. 35 6N 10E	2870'	12-30-71	G.L. 479'
	Clem Ireland #1	330° N 660° W Sec NE SE Sec. 6 5N 11E	3168'		G.L. 498'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
James A. Stone	Clem Ireland #1	330°N 660°W Sec 6.6N 11E	3168'	12-30-71	G.L. 498'
Edwards Oil Co., Inc.	M. Chapman E #1	110°S 561°E NWc SW NWc NW Sec 6.6N 14W	3101'	4-13-71	G.L. 501.5'
George J. Long	W. Bales #1	330°S 330°E NWc SW NWc SW Sec 6.6N 14W	3005'	9-2-71	G.L. 480'
Martin Heinrich	Harris #1	330°S 330°E NWc SW NWc SW Sec 6.6N 14W	2759'	10-8-71	G.L. 487'
Robinson Production, Inc.	J. M. Harrison #1	330°S 75°W NEc SE Sec. 14 7N 10E	2553'	10-27-71	G.L. 531'
James Ratliff, President	Binson-Hume Cons. #1	330°N 330°E SWc NE Sec. 26 7N 10E	3082'	12-4-71	G.L. 530'
Ratloff Oil Producers, Inc.	Michl #1	330°S 330°E NWc Sec. 26 7N 10E	2672'	9-24-71	D.F. 538'
Bangert Casing Pulling Corp.	H. Ochs #2	330°S 330°E NWc SE Sec. 26 7N 10E	2741'	11-1-71	G.L. 501.3'
Bangert Casing Pulling Corp.	Lingateller etal #1	330°N 330°W Sec SW NE Sec. 36 7N 10E	3159'	11-4-71	G.L. 493'
Kenneth R. Freed	Short Comm. #1	330°N 330°E SWc NW Sec. 36 7N 10E	2955'	11-4-71	G.L. 501'
Walter K. Howard	Griffith E #1	149°S 292°E NWc NE Sec. 37N 11E	3121'	4-15-71	G.L. 499.2'
Edwards Oil Co., Inc.	Morey E #1	450°S 292°E NWc NE Sec. 31 7N 11E	3101'	4-14-71	G.L. 497.9'
Edwards Oil Co., Inc.	Freda Applegate #1-A	330°N 330°W Sec NW NW Sec. 8 7N 14W	2094'	1-16-71	G.L. 512'
Ego Oil Co., Inc.					
JEFFERSON COUNTY					
Humble Oil and Refining Co.	Earl Cunningham #1	660°N 231°0'W Sec Sec. 3 1S 2E	1986'	4-12-71	D.F. 590'
Humble Oil and Refining Co.	E. Cunningham #4	648°N 330°E SWc NW Sec. 3 1S 2E	1075'	4-26-71	D.F. 605'
Humble Oil and Refining Co.	Free Cunningham #2	648°N 336°W SWc NE SW Sec. 3 1S 2E	1995'	4-1-71	D.F. 590'
Humble Oil and Refining Co.	Ray Free #2	660°N 330°W Sec SW Sec. 3 1S 2E	1986'	4-21-71	G.L. 582'
Humble Oil and Refining Co.	Ray Free #2	660°N 330°W Sec SW Sec. 3 1S 2E	1986'	4-15-71	G.L. 582'
Humble Oil and Refining Co.	H. R. Luchinger #2	660°N 330°W Sec SW Sec. 3 1S 2E	2169'	1-16-71	D.F. 584'
Humble Oil and Refining Co.	H. R. Luchinger #7	660°N 330°W Sec SW Sec. 3 1S 2E	2169'	1-16-71	D.F. 584'
Humble Oil and Refining Co.	Alice Boggs #1	330°N 330°E SWc NE Sec. 3 1S 2E	1945'	10-22-71	D.F. 589'
Humble Oil and Refining Co.	Cora Cople #1	330°N 330°E SWc NE Sec. 3 1S 2E	1945'	10-22-71	D.F. 589'
Humble Oil and Refining Co.	Cople #2	330°N 330°W Sec NE NE SW Sec. 4 1S 2E	1957'	4-12-71	D.F. 567'
Humble Oil and Refining Co.	Norma Cople #1	330°N 330°W Sec SW Sec. 4 1S 2E	1930'	4-5-71	D.F. 576'
Humble Oil and Refining Co.	Norma Cople #2	330°S 495°E NWc SE NW Sec. 4 1S 2E	1945'	4-5-71	D.F. 544'
Humble Oil and Refining Co.	Norma Cople #3	660°N 660°W Sec SW Sec. 4 1S 2E	2014'	4-5-71	D.F. 558'
Humble Oil and Refining Co.	Carl Hall #6	975°N 330°E NWc SE NE NW Sec. 4 1S 2E	1960'	5-6-71	D.F. 550'
Humble Oil and Refining Co.	Carl Hall #7	975°N 330°E NWc SE NE NW Sec. 4 1S 2E	1962'	4-13-71	D.F. 574'
Humble Oil and Refining Co.	Arthur Sanders #4	330°N 330°E SWc SE Sec. 4 1S 2E	2080'	4-23-71	D.F. 569'
Humble Oil and Refining Co.	Arnold Crane #2	330°N 330°E SWc SW Sec. 9 1S 2E	1940'	4-3-71	D.F. 557'
Humble Oil and Refining Co.	E. C. Douthit #2	990°S 990°W SWc NE Sec. 9 1S 2E	2039'	10-22-71	D.F. 575'
Humble Oil and Refining Co.	E. C. Douthit #3	674°N 676°E SWc NE Sec. 9 1S 2E	2060'	11-4-71	D.F. 574'
Humble Oil and Refining Co.	Maude Foster #5	660°N 660°W Sec NE Sec. 9 1S 2E	2082'	4-22-71	D.F. 582'
Humble Oil and Refining Co.	Vera Hawkins #1	330°N 330°W Sec NW SE Sec. 9 1S 2E	1960'	10-22-71	D.F. 566'
Humble Oil and Refining Co.	O. K. Miller #1	330°S 330°W NEc NW Sec. 9 1S 2E	1940'	4-12-71	D.F. 554'
Humble Oil and Refining Co.	Inez Cobb #2	200°S 200°W NEc NW Sec. 10 1S 2E	1960'	4-16-71	D.F. 575'
Humble Oil and Refining Co.	Inez Cobb #3	440°N 366°W SE NW Sec. 10 1S 2E	1947'	4-12-71	D.F. 561'
Humble Oil and Refining Co.	A. H. Dobbs #1	660°S 330°W NEc NE NW Sec. 10 1S 2E	1983'	4-2-71	D.F. 589'
Humble Oil and Refining Co.	Edgar Dobbs #1	990°N 1650°E NWc SE NW Sec. 10 1S 2E	1963'	4-3-71	G.L. 571'
Humble Oil and Refining Co.	Edgar Dobbs #3	200°N 200°E SWc SE NW Sec. 10 1S 2E	1967'	4-2-71	D.F. 576'



Humble Oil and Refining Co.	Edgar Dobbs #4	680° S 686° W NE Sec. 10 1S 2E	2081'	5-5-71	D.F. 576'
Humble Oil and Refining Co.	Raymond Dobbs #3	200° N 200° W SEC SW NW Sec. 10 1S 2E	1963'	10-22-71	D.F. 577'
Humble Oil and Refining Co.	Raymond Dobbs #4	680° N 686° E SWC NW Sec. 10 1S 2E	2077'	5-4-71	D.F. 576'
Humble Oil and Refining Co.	Raymond Dobbs #5-W	42° N 20° W SEC SW NW Sec. 10 1S 2E	2063'	11-4-71	D.F. 568'
Humble Oil and Refining Co.	R. A. Tate SWD	1187° S 725° E NW Sec. 10 1S 2E	2039'	4-26-71	
Humble Oil and Refining Co.	Oscar Warner #1	660° N 330° E SWC Sec. 10 1S 2E	1961'	4-15-71	G.L. 567'
Humble Oil and Refining Co.	Oscar Warner #2	674° N 692° E SWC Sec. 10 1S 2E	2094'	5-3-71	G.L. 565'
Humble Oil and Refining Co.	Lester Breeze #1	330° S 330° W SEC Sec. 16 1S 2E	2094'	5-3-71	D.F. 561'
Humble Oil and Refining Co.	Lester Breeze #2	330° N 330° E SWC NE Sec. 16 1S 2E	1928'	3-31-71	D.F. 536'
Humble Oil and Refining Co.	Lester Breeze #3	694° N 671° W SEC NE NE Sec. 16 1S 2E	2051'	4-28-71	G.L. 555'
Humble Oil and Refining Co.	Lester Breeze #4-W	40° N 30° W SEC NE NE Sec. 16 1S 2E	2049'	5-1-71	G.L. 558'
Humble Oil and Refining Co.	Lester Breeze #5-W	15° N 15° E SWC NE NE Sec. 16 1S 2E	2036'	4-30-71	D.F. 552'
Humble Oil and Refining Co.	J. I. Cameron #1	330° N 329° W SEC NE NW Sec. 16 1S 2E	1947'	3-30-71	D.F. 552'
Humble Oil and Refining Co.	J. I. Cameron #2	671° S 671° E NW Sec. 16 1S 2E	2050'	4-20-71	D.F. 559'
Humble Oil and Refining Co.	J. W. Gossett #1	330° S 330° E NW Sec. 16 1S 2E	1939'	4-27-71	
Humble Oil and Refining Co.	J. W. Gossett #3	676° S 671° E NW Sec. 16 1S 2E	2052'	4-20-71	D.F. 554'
Humble Oil and Refining Co.	Hickey Comm. #1	330° N 660° E SWC NW NW Sec. 10 1S 3E	2720'	11-5-71	G.L. 540'
Banger Casing Pulling Corp.	Jess D. Price #1	425° S 330° W SEC NW Sec. 13 1S 3E	3233'	12-27-71	G.L. 536'
David F. Herley	Morley Williams #1	330° S 330° E NW Sec. 15 1S 3E	3320'	5-5-71	G.L. 581.9'
David F. Herley	Morley Williams #1	330° S 330° W SEC NE NE Sec. 15 1S 3E	2958'	10-12-71	G.L. 593'
E. Homer Jahn	Potter #1	990° N 330° E SWC Sec. 8 1S 4E	3204'	9-29-71	G.L. 515'
Mobil Oil Corp.	F. Oslager #2	330° S 318° W SEC SW Sec. 22 2S 1E	2178'	2-18-71	G.L. 467'
David F. Herley	Irvin H. Ward #1	330° N 330° E SWC NE NE Sec. 26 2S 2E	2817'	5-16-71	G.L. 488.6'
Fletcher F. Farrar	J. T. Henry #1	660° S 660° W SEC NE Sec. 13 2S 4E	3089'	1-12-71	D.F. 488'
Fletcher F. Farrar	J. T. Henry #2	330° N 330° E NW Sec. 13 2S 4E	2960'	1-13-71	D.F. 496'
Cumberland Oil Producing Co., Inc.	Wilburn Panzier #1	330° S 330° E NW Sec. 24 3S 1E	2693'	11-1-71	G.L. 443'
David F. Herley	Oscar Heintz #1	330° S 330° E NW Sec. 24 3S 1E	2843'	7-15-71	G.L. 482.3'
David F. Herley	Sebel Davis #1	990° S 330° E NW Sec. 26 3S 2E	2902'	6-29-71	G.L. 452.5'
David F. Herley	Harold Hyde et al #1	330° S 330° E NW Sec. 35 3S 2E	2897'	5-5-71	G.L. 481'
T. L. Clark	Newell Badgett #2	330° S 330° E NW Sec. 18 3S 3E	2823'	3-30-71	G.L. 456.5'
Joe Simpkins Oil Developments	N. A. Baldridge	330° N 330° W SEC NE Sec. 21 3S 3E	2901'	1-26-71	G.L. 451'
Eber McEndree	State Game Preserve "B" NCT-3 #7	330° S 330° E NW Sec. 21 3S 3E	2759'	4-2-71	D.F. 455'
Eber McEndree	Clayburn Lamp #1	330° N 330° W SEC SW NW Sec. 27 3S 3E	2901'	10-18-71	
Eber McEndree	Clayburn Lamp #2	330° S 330° E NW Sec. 27 3S 3E	2744'	10-21-71	
T. L. Clark	Todd P. Ward #1	330° S 330° E NW Sec. 27 3S 3E	2764'	3-26-71	
T. L. Clark	T. P. Ward #2	330° S 330° E NW Sec. 27 3S 3E	2774'	2-17-71	
T. L. Clark	T. P. Ward #3	330° S 330° E NW Sec. 27 3S 3E	2776'	3-29-71	
Fletcher F. Farrar	S. M. Story #1	330° S 330° E NW Sec. 34 3S 3E	2718'	1-15-71	D.F. 440'
Fletcher F. Farrar	Story #2	330° S 330° E NW Sec. 34 3S 3E	2730'	1-23-71	D.F. 439'
Fletcher F. Farrar	Story #3	330° N 330° W SEC SW Sec. 4 3S 4E	2729'	1-20-71	D.F. 440'
Fletcher F. Farrar	Petersen #1	330° S 330° E NW Sec. 26 4S 2E	3069'	6-20-71	G.L. 486'
Fletcher F. Farrar	Jefferson Oil and Gas Corp. #1	330° S 330° W SEC SW Sec. 26 4S 2E	3287'	2-4-71	D.F. 415'
Fletcher F. Farrar	Jefferson Oil and Gas Corp. #1 SWD	330° S 330° W SEC SW Sec. 26 4S 2E	2816'	1-30-71	G.L. 417'
Fletcher F. Farrar	Jefferson Oil and Gas Corp. #3	420° S 420° E NW Sec. 26 4S 2E			
LAWRENCE COUNTY					
Payne Brothers	Jenner Heirs #1	330° N 330° E SWC NW NW Sec. 5 2N 11W	1882'	8-31-71	G.L. 407'
Duane Saxe and Robert Harris	John Jordan #1-B	330° N 330° E SWC NE NW Sec. 8 2N 11W	1854'	4-23-71	G.L. 464'
Payne Brothers	Grace Hopkins Well #1	380° S 330° W SEC NW NE Sec. 16 2N 11W	1305'	1-29-71	G.L. 405'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Payne Brothers	Grace Hopkins #2	350°N 330°W Sec NW NE Sec. 16 2N 11W	1307'	2-3-71	G.L. 407'
Payne Brothers	Hopkins #3	990°S 245°W NE Sec NW NE Sec. 16 2N 11W	1314'	2-6-71	G.L. 407'
Payne Brothers	C. H. Leathers #1	330°S 330°E NW Sec SW SE Sec. 19 2N 11W	1854'	10-15-71	G.L. 405'
Payne Brothers	Leathers #2	330°S 330°W NE Sec SW SE Sec. 19 2N 11W	1850'	10-5-71	G.L. 412'
Payne Brothers	E. F. Lyons #1	330°S 330°E NW Sec SE Sec. 19 2N 11W	2154'	11-23-71	G.L. 413'
Payne Brothers	E. F. Lyons #3	330°S 330°E NW Sec SE Sec. 19 2N 11W	1863'	9-28-71	G.L. 410'
Payne Brothers	E. F. Lyons #4	330°S 330°E NW Sec SE Sec. 19 2N 11W	1857'	10-9-71	G.L. 412'
Clarence Catt, Jr.	J. Jones #1-A	4335°N 99°W SE Sec SE Sec. 29 2N 11W	1890'	12-15-71	G.L. 414'
Charles E. Carr	Charlotte J. Cunningham et al #1	1389°S 330°E NW Sec NE Sec. 11 2N 12W	1284'	8-19-71	G.L. 441'
Herman Brinkley	Gillespie #2	330°N 330°W Sec NW NW Sec. 11 2N 12W	1275'	10-1-71	G.L. 457'
Herman Brinkley	Gillespie #4	330°S 430°W NE Sec NW Sec. 11 2N 12W	1253'	10-1-71	D.F. 443'
Herman Brinkley	Gillespie #5	330°S 330°W NE Sec NW NW Sec. 11 2N 12W	1261'	10-1-71	G.L. 462'
Herman Brinkley	F. Gillespie #1	330°S 330°E NW Sec SW Sec. 11 2N 12W	1270'	10-2-71	G.L. 439'
Herman Brinkley	F. Gillespie #2	990°S 330°E NW Sec SW Sec. 11 2N 12W	1272'	10-2-71	G.L. 431'
Herman Brinkley	F. Gillespie #3	330°S 430°W NE Sec NW NW Sec. 11 2N 12W	1259'	10-1-71	G.L. 439'
Herman Brinkley	J. Gillespie #1	330°S 330°E NW Sec SW Sec. 11 2N 12W	1268'	10-1-71	G.L. 457'
Herman Brinkley	Gillespie Comm. #1	330°N 330°E SW Sec NW Sec. 11 2N 12W	1285'	10-2-71	G.L. 450'
Herman Brinkley	Gillespie Comm. #2	330°N 330°E SW Sec NW Sec. 11 2N 12W	1795'	10-1-71	G.L. 441'
Charles E. Carr	King Heirs #1-A	330°S 380°E NW Sec SW Sec. 17 2N 12W	1578'	7-3-71	G.L. 442'
Charles E. Carr	King #2-A	330°S 330°E NW Sec SW Sec. 17 2N 12W	1554'	6-30-71	G.L. 433'
Charles E. Carr	King #3-A	330°S 330°W NE Sec NW NW Sec. 17 2N 12W	1552'	11-14-71	G.L. 422'
W. C. Siddens d/b/a Prudential Oil Co.	Russell Walters #1-A	330°S 255°W NE Sec NW Sec. 11 2N 13W	1773'	11-2-71	G.L. 465.3'
C. S. Higgins d/b/a Higgins Oil Co.	Gaddy Heirs #1	330°S 660°E SW Sec SE Sec. 26 2N 13W	2750'	5-4-71	G.L. 521'
Francis Friestad	Robert Mason #1	330°S 660°W NE Sec NW Sec. 28 2N 13W	2777'	1-7-71	D.F. 462'
Apollio Oil Co., Inc.	McCausland-Weich #1-A	990°S 330°E NW Sec SE Sec. 4 3N 12W	1654'	12-19-71	G.L. 454'
Apollio Oil Co., Inc.	Price and David #2	330°S 370°E SW Sec NE Sec. 4 3N 12W	1632'	6-23-71	G.L. 447'
Delta Oil Co.	R. Stoltz #1-A	190°N 200°W Sec SW NE Sec. 5 3N 12W	1007'	7-12-71	1-7-71
Marathon Oil Co.	S. M. Eshelman #1	220°S 280°E NW Sec SW NE Sec. 8 3N 12W	1757'	11-26-71	G.L. 582'
Marathon Oil Co.	S. Booe #42	330°S 330°W NE Sec SW NE Sec. 15 3N 12W	1297'	7-28-71	G.L. 513'
Marathon Oil Co.	W. H. Gillespie #9	990°N 990°E SW Sec. 18 3N 12W	2110'	10-22-71	G.L. 478.1'
W. H. Kinsell	Allen Gray #G-4	701°N 701°E SW Sec NW Sec. 19 3N 12W	2097'	8-10-71	G.L. 524'
E. L. Whilmer, Inc.	Marathon Oil #33	250°S 1000°E NW Sec SW Sec. 23 3N 12W	1800'	7-29-71	G.L. 524'
Marathon Oil Co.	Sherman Gillespie #16	465°S 265°E NW Sec SE Sec. 26 3N 12W	1030'	10-6-71	G.L. 525'
Marathon Oil Co.	Zion Church Lot #1	50°S 70°E NW Sec SW Sec. 26 3N 12W	1371'	12-14-71	G.L. 493'
W. H. Kinsell	Leighty #2	990°S 330°W NE Sec. 26 3N 12W	2702'	4-29-71	G.L. 433'
Payne Brothers	A. A. Hardacre #9	334°S 1086°E NW Sec. 7 4N 12W	1300'	6-2-71	G.L. 444'
Charles E. Carr	William Crump #29	330°N 330°E SW Sec SE Sec. 19 4N 12W	1312'	6-12-71	G.L. 436'
Charles E. Carr	Wm. Crump #32	330°S 330°W NE Sec SW NE Sec. 28 4N 12W	1823'	5-7-71	
D. C. Catts	Harkins et al Comm. #1	975°S 1015°W NE Sec SE Sec. 32 4N 12W	1487'	6-22-71	
Marathon Oil Co.	J. T. Griggs A/C 1 #47				
Gail Heath and Wilbur Ewing d/b/a	Mary Porter #9-0	360°N 330°E SW Sec SE Sec. 12 4N 13W	1722'	4-14-71	G.L. 420'
Heath Oil Production	A. R. Applegate, Tr. #0-1	330°S 330°E NW Sec NW Sec. 13 4N 13W	1655'	4-19-71	G.L. 432'
Gail Heath and Wilbur Ewing d/b/a					
Heath Oil Production					

Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	A. R. Applegate #0-2	330° S 330° W NEc SW Sec. 13 4N 13W	1644'	7-12-71	G.L. 432'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	A. R. Applegate #0-3	330° N 330° E SWc NE SW Sec. 13 4N 13W	1660'	7-20-71	G.L. 432'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	A. R. Applegate #4-0	Start 515° N & Finish 330° N 990° E SWc NE SW Sec. 13 4N 13W	1662'	7-15-71	G.L. 429'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Scott Gray #0-2	330° S 330° W NEc SW NW Sec. 13 4N 13W	1674'	7-28-71	G.L. 441'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Scott Gray #0-7	330° N 330° E SWc SE NW Sec. 13 4N 13W	1644'	7-10-71	G.L. 438.7'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Mary C. Porter Tr. #0-2	330° S 330° W NEc NW NW Sec. 13 4N 13W	1646'	7-22-71	G.L. 430'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	M. C. Porter Tract #3-0	330° S 330° E NWc NE NW Sec. 13 4N 13W	1681'	7-27-71	G.L. 436'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Mary C. Porter #0-4	330° S 330° W NEc NW Sec. 13 4N 13W	1610'	8-2-71	G.L. 440'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Mary C. Porter #6-K	25° S 660° W NEc NW Sec. 13 4N 13W	1625'	4-19-71	G.L. 430'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Mary C. Porter Tr. #K-7	660° S 660° W NEc NW Sec. 13 4N 13W	1640'	4-15-71	G.L. 439'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Mary C. Porter Tr. #0-8	330° N 330° W Sec NE NW Sec. 13 4N 13W	1640'	7-31-71	G.L. 437'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Klingler #4-0	1320° S 1020° E NWc NE NE Sec. 14 4N 13W	1720'	7-27-71	G.L. 456'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Klingler #6-0	430° S 470° E NWc NE NE Sec. 14 4N 13W	1750'	7-21-71	G.L. 471'
Gail Heath and Wilbur Ewing d/b/a Heath Oil Production	Klingler #7-0	1280° S 470° E NWc NE NE Sec. 14 4N 13W	1741'	4-16-71	G.L. 438'
Charles E. Carr	Fyffe Unit #3-A	50° N 330° W Sec NE SE Sec. 36 4N 13W	1713'	5-25-71	G.L. 548'
Herman Loeb	Nuttall #5	340° N 375° E SWc NW SW Sec. 25 5N 13W	1646'	4-29-71	
LOGAN COUNTY					
Jack Kuykendall	Thelka Hoefler #1	330° N 330° W Sec Sec. 6 18N 12W	1572'	4-3-71	G.L. 601.2'
Jack D. Kuykendall	Wayne Schaffnacker #1	330° S 330° E NWc Sec. 8 18N 2W	1576'	6-21-71	G.L. 602.5'
Yetter Oil Co.	M. D. Wear #10	Sec NE SW SE Sec. 10 4N 4W	520'	11-7-71	
Yetter Oil Co.	E. H. Hendricks #20	SWc NW Sec. 13 4N 4W	310'	11-30-71	G.L. 500'
Yetter Oil Co.	Peter Hamm #4	NEc NE SW Sec. 19 4N 4W	339'	11-5-71	G.L. 573'
Yetter Oil Co.	Peter Hamm #7	NEc NE SW Sec. 19 4N 4W	452'	11-4-71	G.L. 584'
Yetter Oil Co.	Yon Heirs #4-K	Sec SE NW Sec. 19 4N 4W	497'	11-2-71	G.L. 611'
Yetter Oil Co.	Yon Heirs #6	Sec NE SW SE Sec. 19 4N 4W	477'	9-3-71	
Yetter Oil Co.	Yon Heirs #11	SWc NW Sec. 19 4N 4W	485'	11-4-71	G.L. 610'
Yetter Oil Co.	Yon Heirs #12	SWc NW SE Sec. 19 4N 4W	488'	11-2-71	G.L. 611'
Yetter Oil Co.	Yon Heirs #16	Sec NW NW SE Sec. 19 4N 4W	476'	9-1-71	G.L. 610'
Charles Measley	Sidney Dowdacker #2	330° S 990° E NWc SE Sec. 21 4N 4W	450'	8-30-71	G.L. 545'
Orin Cookson	Carl and Swendolyn Fugate #2	10° S 330° E NWc SW Sec. 25 4N 4W	450'	5-28-71	
MCLEAN COUNTY					
J. U. Dodge	H. Hall #1	990° S 330° W NEc Sec. 8 22N 3E	889'	9-1-71	G.L. 755'
Paul V. Harris	A. L. Prosser #3	990° S 990° E NWc Sec. 17 22N 3E	872'	11-22-71	G.L. 800'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Paul V. Harris	Prosser #3-A	990° S 960° E NW Sec. 17 22N 3E	940'	11-22-71	G.L. 778'
Harold R. Beaver	Eliza J. Stansbury Trust #1	330° N 330° E SW Sec. NW NE Sec. 23 22N 3E	1025'	10-2-71	G.L. 799.5'
John P. Potts	Oak Hill Farm, Inc. #1	990° S 330° W NE Sec. SW Sec. 16 23N 3E	850'	10-6-71	G.L. 815'
MACON COUNTY					
Lewis H. Foster	Chapman-Cottle Comm. #1	330° N 330° W SE Sec. SW SE Sec. 6 15N 1E	2637'	11-24-71	G.L. 611.3'
E. F. Atkins & E. O. Hale d/b/a Atkins and Hale	Whitley #1	330° S 330° W NE Sec. SE NW Sec. 28 16N 1E	2038'	12-6-71	G.L. 623'
E. F. Atkins & E. O. Hale d/b/a Atkins and Hale	Mabel Whitley #3	330° S 330° W NE Sec. SW NW Sec. 28 16N 1E	2044'	12-8-71	G.L. 623'
Don Durr	Ruth Cottle #1	330° N 330° E SW Sec. SE SW Sec. 31 16N 1E	1960'	1-5-71	G.L. 586'
Don Durr	Korenwald #1	330° N 330° E SW Sec. SE NW Sec. 32 16N 1E	1974'	1-7-71	G.L. 581.8'
Don Durr	Millikin Est. #1	330° S 330° E NW Sec. SE NE Sec. 32 16N 1E	1962'	1-6-71	G.L. 577.6'
MACOUPIN COUNTY					
Carl Wilson	Thode #1	813° N 611° W SE Sec. NE Sec. 16 7N 7W	521'	3-31-71	
Carl Wilson	Thode #1	330° N 330° E SW Sec. NE Sec. 16 7N 7W	504'	4-1-71	
Carl Wilson	Thode #2	330° N 330° E SW Sec. SE NE Sec. 16 7N 7W	500'	4-5-71	
Carl Wilson	Thode #3	350° S 330° E NW Sec. SE NE Sec. 16 7N 7W	514'	4-15-71	
Carl Wilson	Thode #3	30° N 330° E SW Sec. NW NE Sec. 16 7N 7W	505'	4-16-71	
Carl Wilson	Thode #4	833° N 311° W SE Sec. NE Sec. 16 7N 7W	536'	3-29-71	
George E. Newby	Newby #1	340° S 330° W NE Sec. SE NW Sec. 17 9N 7W	550'	5-1-71	G.L. 565.6'
Dale Hopkins	Gibson #1	330° N 330° W SE Sec. NW Sec. 10 12N 7W	1425'	4-22-71	
Dale Hopkins	Woods #1	330° S 330° E NW Sec. SW NE Sec. 10 12N 7W	1382'	4-22-71	G.L. 654'
Dale Hopkins	Woods #1-A	330° S 330° E NW Sec. NE Sec. 10 12N 7W	1374'	4-23-71	G.L. 665'
MADISON COUNTY					
Joe A. Dull	Eldo Neumann #1	330° N 330° E SW Sec. NE NW Sec. 5 4N 5W	1947'	11-15-71	G.L. 543'
E.A. Obering d/b/a Warrior Oil Co.	C. Kaul Comm. #1	330° N 330° E SW Sec. NE Sec. 15 4N 6W	1798'	4-27-71	G.L. 528'
E.A. Obering d/b/a Warrior Oil Co.	C. Kaul Comm. #2	330° S 330° E NW Sec. SE NE Sec. 15 4N 6W	1820'	4-27-71	G.L. 514'
E.A. Obering d/b/a C.E. Brehm Drilling & Producing	C. Kaul Comm. #3	330° N 330° E SW Sec. SE NE Sec. 15 4N 6W	1762'	4-27-71	G.L. 506'
David F. Herley	Irvin Grotentend #1	330° S 330° E NW Sec. SW Sec. 19 4N 6W	1858'	9-14-71	G.L. 500'
R.D. Ernest	Krukeberg #1	330° N 330° W SE Sec. SW Sec. 20 4N 7W	1705'	12-9-71	G.L. 560.9'
Joseph Foucek	Rohrkasse #1	990° S 330° E NW Sec. SE Sec. 23 5N 7W	1690'	5-10-71	G.L. 520'
Carl Wilson	Schoeber #1	330° N 330° E SW Sec. SE Sec. 23 5N 7W	1882'	8-30-71	G.L. 520.7'
M. J. Williams	Johanna Sievers #1	330° S 330° E NW Sec. NW Sec. 16 6N 6W	550'	5-20-71	G.L. 580.7'
M. J. Williams	Kroeger Est. #W-2	990° N 280° E NW Sec. NE Sec. 17 6N 6W	554'	4-29-71	D.F. 597'
M. J. Williams	Kroeger #3	330° N 330° E SW Sec. SE Sec. 17 6N 6W	540'	4-29-71	D.F. 596'
M. J. Williams	Kroeger Estate #4	330° N 370° E NW Sec. NE Sec. 17 6N 6W	545'	4-29-71	D.F. 594'
M. J. Williams	Kroeger Estate #4-WI	495° N 300° E NW Sec. NE Sec. 17 6N 6W	554'	4-29-71	D.F. 594'
M. J. Williams	Kroeger Est. #5	661° N 300° E SW Sec. SE Sec. 17 6N 6W	546'	4-29-71	G.L. 595'
M. J. Williams	Kroeger #7	330° N 10° W SE Sec. NE Sec. NW Sec. 17 6N 6W	542'	4-29-71	D.F. 595'



## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
<b>PERRY COUNTY</b>					
N. A. Baldrige	Branum etal Comm. #1	560'N 150'W SEc NE Sec. 32 4S 1W	1160'	8-25-71	
N. A. Baldrige	Blythe etal Comm. #1	330' S 330' E NWc SW NW Sec. 33 4S 1W	1173'	8-23-71	
N. A. Baldrige	Hampleman, Blythe, etal Comm. #4	330' N 330' W Sec SW NW Sec. 33 4S 1W	1175'	2-9-71	G.L. 488'
N. A. Baldrige	Hampleman, Blythe, etal Comm. #2	300' S 380' W NEc SW NW Sec. 33 4S 1W	1175'	2-5-71	G.L. 488'
Harvey F. Guthermuth	Olga Callis #2	330' S 330' W NEc SW NW Sec. 33 4S 2W	2901'	10-11-71	G.L. 525'
Ernest Sherman	Blythe #1	400' N 432' E SWc SE NE Sec. 4 5S 1W	1391'	3-18-71	G.L. 482.2'
Leonard E. Bixby	Rusiewski #1	330' N 330' W Sec NW Sec. 4 5S 1W	1173'	8-30-71	G.L. 477.6'
N. A. Baldrige	S. Zielinski #2-A	330' S 990' W NEc SW SE Sec. 4 5S 1W	1173'	6-7-71	G.L. 481'
Cecil W. Newcomb	H. Hampleman #1-A	330' S 330' W NEc NW SE Sec. 9 5S 1W	1193'	6-13-71	G.L. 481'
Leonard E. Bixby	Hampleman #3	330' S 330' W NEc SW SE Sec. 9 5S 1W	1198'	6-13-71	G.L. 481'
Leonard E. Bixby	Pendani #1	330' S 330' W NEc SW SE Sec. 8 5S 1W	1190'	2-7-71	G.L. 489.2'
Texaco, Inc.	C.L. Epplin #1	330' N 330' E SWc Sec. 23 6S 3W	1800'	10-20-71	G.L. 424'
<b>PIKE COUNTY</b>					
Arnold Beach	Miller #1	330' N 330' E SWc Sec. 29 3S 4W	425'	1-29-71	
Leslie Fisher	Fisher #1	Sec. 1 5S 6W	340'	5-26-71	
<b>POPE COUNTY</b>					
C. E. Williams, Jr.	Austin Roberts #1	330' S 990' W NEc SE Sec. 10 13S 6E	3802'	10-6-71	G.L. 468'
<b>RANDOLPH COUNTY</b>					
Leonard E. Bixby	Prest #1	330' S 660' E NWc NE NE Sec. 5 4S 5W	1155'	12-20-71	G.L. 488.4'
<b>RICHLAND COUNTY</b>					
Joe A. Dull	G. W. Sharp #1	330' S 400' W NEc SW Sec. 2 2N 8E	3060'	11-2-71	G.L. 409'
Union Oil Co. of California	Minnie Taylor-B #1	330' S 330' W NEc Sec. 11 2N 8E	3030'	1-25-71	G.L. 411'
National Associated Petroleum Co.	R. D. Hawkins #1	330' S 330' E NWc Sec. 3 2N 9E	3300'	11-30-71	G.L. 485'
Robison Oil Co.	Snively #1	330' S 330' W Sec NE NE Sec. 2 2N 10E	3378'	11-5-71	G.L. 509'
Triangle Oil Co., Inc.	Bowen #2	330' S 330' W NEc SW NE Sec. 2 2N 10E	3340'	4-27-71	G.L. 431'
Bangert Casing Pulling Corp.	E. F. Province #1	665' S 330' E NWc NE NW Sec. 3 2N 14W	3135'	6-28-71	G.L. 485'
Bangert Casing Pulling Corp.	Yunkers #1	990' S 330' E NWc NE Sec. 14 3N 8E	3031'	5-2-71	
Union Oil Co. of California	Chas. Guyot "A" #1	330' N 330' E SWc SW Sec. 36 3N 8E	3105'	12-27-71	D.F. 448'
Union Oil Co. of California	Frances J. Coen A #1	660' N 990' W SEc NE Sec. 8 3N 9E	3000'	3-5-71	D.F. 486'
Union Oil Co. of California	Frances J. Coen A #3	660' N 330' W SEc NE Sec. 8 3N 9E	2977'	3-12-71	D.F. 486'
Union Oil Co. of California	Frances J. Coen A #5	660' N 320' E SWc NE SE Sec. 8 3N 9E	3673'	3-9-71	D.F. 482'
Union Oil Co. of California	J. L. Fleming B #1	669' N 328.06' W Sec SW Sec. 8 3N 9E	3006'	2-18-71	D.F. 479'
Union Oil Co. of California	J. L. Fleming B #2	330' S 330' E NWc SE SW Sec. 8 3N 9E	3041'	2-1-71	G.L. 475'
James C. Franklin	W. H. Geis #2	330' S 330' W NEc SW SW Sec. 8 3N 9E	2962'	4-16-71	G.L. 470.5'



Union Oil Co. of California	C. T. Montgomery A #3	2008' N 1975.5' W SEC Sec. 8 3N 9E	3000'	2-15-71	G.L. 480'
J. W. Rudy Co.	Helen Ross SWD #1	990' S 330' E NWC NE Sec. 8 3N 9E	2930'	4-21-71	G.L. 480'
Union Oil Co. of California	Everett Taylor A-#1	660' S 330' W NEC SW Sec. 8 3N 9E	3040'	2-25-71	D.F. 475'
Union Oil Co. of California	Everett Taylor A-#2	330' N 330' E SWC NE SW Sec. 8 3N 9E	3055'	2-20-71	D.F. 475'
Duane Saxe and Robert Harris	Mayor Comm. #1	160' N 75' W SEC Sec. 8 3N 9E	3585'	8-4-71	G.L. 475'
M. C. Milam	Runyon #1	330' S 990' W NEC SE SW Sec. 14 3N 9E	3059'	9-28-71	G.L. 444'
H. Carroll Bayler & Don W. Newton	J. C. Pflaum Comm. #1	49' S 133' W NEC NW Sec. 16 3N 9E	3536'	6-24-71	G.L. 472'
Union Oil Co. of California	Clair Van Blaricum #2	660' N 330' E SWC SW Sec. 19 3N 9E	3055'	2-16-71	G.L. 455'
Rusk and Williams	Violet and Marion Ash #1	330' N 360' E SWC NE NE Sec. 22 3N 9E	3018'	4-20-71	G.L. 444'
W. H. Kinsell	M. Stewart #1-A	1650' N 330' W SEC NE Sec. 16 3N 9E	3168'	10-10-71	G.L. 424'
Don Slape Operating Co.	Kocher #1	330' N 660' E SWC Sec. 8 3N 14W	3226'	12-2-71	G.L. 510'
Don Slape Operating Co.	Kocher #1-A	990' N 660' E SWC Sec. 8 3N 14W	3246'	11-30-71	G.L. 511'
Don Slape Operating Co.	Kocher #1-B	650' N 660' E SWC Sec. 8 3N 14W	3305'	11-26-71	G.L. 512'
Bangert Casing Pulling Corp.	Groff #1	330' N 330' E SWC NE Sec. 28 3N 14W	3260'	1-25-71	G.L. 492'
Triangle Oil Co., Inc.	W. Bunn #1	1650' S 330' W NEC Sec. 33 3N 14W	3260'	1-1-71	G.L. 487'
Leo Chambers and Ruby Chambers d/b/a					
Ruleo Oil Co.	H. Frantz #1	330' N 330' W SEC SW Sec. 22 4N 9E	3055'	8-25-71	G.L. 533'
Gulf States Oil Investment Co.	C. Rudy #1	990' S 684' E NWC SE Sec. 32 4N 9E	3450'	11-12-71	G.L. 483'
Dr. Sherwin McCombs	Watkins #1	990' S 330' E NWC SW Sec. 34 4N 9E	3207'	7-6-71	G.L. 532'
Bell Brothers	Frankie Shoot et al #1	330' N 330' W SEC SW SW Sec. 3 4N 10E	2984'	9-17-71	G.L. 465'
R. E. Koons & A. R. Frank d/b/a Koons & Frank Petroleum Exploration					
Bell Brothers	Murry Comm. #2	330' S 660' W NEC NW NE Sec. 6 4N 10E	3404'	8-9-71	G.L. 462'
John M. Zanettis, Zanettis Oil Properties	Theodore Scherer, Unit #4	330' N 330' W SEC NW NW Sec. 10 4N 10E	3075'	2-10-71	G.L. 462'
John B. Murvin	Boeger #1-B	330' S 990' E NWC SE Sec. 17 4N 10E	3025'	10-25-71	G.L. 464'
Texaco, Inc.	R. Schnepper #1	330' N 330' E SWC NW Sec. 21 4N 10E	3011'	6-15-71	G.L. 462'
Texaco, Inc.	W. E. Fritschle #5	330' S 33' W NEC SW NE Sec. 23 4N 10E	3047'	6-18-71	G.L. 480'
Texaco, Inc.	J. Scherer NCT-1 #3	330' S 330' W NEC SE NE Sec. 23 4N 10E	3060'	7-9-71	D.F. 480'
Texaco, Inc.	R. Scherer #1 (Well #11)	330' S 330' W NEC NW SE Sec. 23 4N 10E	3067'	7-27-71	D.F. 480'
Texaco, Inc.	R. Scherer #2	330' N 330' W NEC SW SE Sec. 23 4N 10E	3087'	6-27-71	G.L. 483'
D. C. Thompson d/b/a D. T. Drilling Co.	W. E. Fritschle NCT-2 #3	330' S 330' E SWC NW SW Sec. 28 4N 10E	3088'	9-23-71	D.F. 428'
D. C. Thompson d/b/a D. T. Drilling Co.	Eugene Conour #1	330' N 330' E SWC NW Sec. 28 4N 10E	3088'	9-28-71	G.L. 425'
D. C. Thompson d/b/a D. T. Drilling Co.	Denind-Kuitz #1	330' S 330' E SWC NW Sec. 28 4N 10E	3089'	9-28-71	G.L. 425'
D. C. Thompson d/b/a D. T. Drilling Co.	Clodreiter #2	330' N 330' W SEC Sec. 28 4N 10E	3089'	9-11-71	G.L. 425'
D. C. Thompson d/b/a D. T. Drilling Co.	Clodreiter #2	990' N 330' W SEC Sec. 28 4N 10E	3017'	9-17-71	G.L. 425'
G. O. Chapman & For L. Smith d/b/a Bridgeport Drilling Co., Inc.	Russell Getz #1	330' S 330' W NEC Sec. 32 4N 10E	3081'	9-18-71	G.L. 425'
Bridgeport Drilling Co., Inc.	Anna F. Nuding #1	330' S 330' E NWC SW NW Sec. 6 4N 14W	3040'	10-30-71	G.L. 494'
R. L. Van Fossan	H. C. Coen #12	330' N 330' W SEC SW NE Sec. 36 5N 9E	2930'	7-5-71	G.L. 491'
R. L. Van Fossan	Kernicle #2	330' S 330' E NWC SE Sec. 31 5N 10E	3004'	11-19-71	G.L. 468'
R. L. Van Fossan	M. L. Burgenier et al #1	330' S 660' W NEC SE NE Sec. 21 5N 11E	3090'	6-7-71	D.F. 522'
R. L. Van Fossan	L. Morgan #1	330' N 330' W SEC NE Sec. 31 5N 11E	3060'	7-19-71	G.L. 512.5'
John M. Zanettis, Zanettis Oil Properties	Stoltz #1	660' N 330' W SEC SW NE Sec. 35 5N 14W	2942'	9-23-71	G.L. 476'
ST. CLAIR COUNTY					
Lawrence Truitt	R. Thomas #1	400' N 300' E SWC SE NW Sec. 32 1N 9W	1160'	8-4-71	G.L. 583.5'
Lawrence Truitt	E. Oster #1	330' N 330' E SWC NW Sec. 12 1S 10W	1033'	12-28-71	G.L. 1021'
James H. Donewald	Cletus Middendorf, et ux, #1	330' S 330' E NWC SE Sec. 12 2S 6W	2010'	11-17-71	G.L. 419'
C. T. Dowett, Jr.	Roy Stone #1	990' S 330' W NEC NW NW Sec. 34 3S 6W	1965'	8-14-71	G.L. 453'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
<b>SALINE COUNTY</b>					
Earl Armstrong	Anna Cole #1	330° N 330° W Sec NE Sec. 20 7S 6E	3190'	6-8-71	G.L. 407'
Earl Armstrong	Anna M. Cole #2	405° S 330° W NE Sec. 20 7S 6E	3090'	6-7-71	G.L. 408'
Eugene E. Morris	W. B. Pulliam #3	330° S 330° W NE Sec. 20 8S 5E	2979'	6-26-71	G.L. 397'
Illinois Lease Operating, Inc.	Sammy Joe Turner etal #1	330° N 330° E SW Sec. 4 8S 6E	3210'	8-10-71	D.F. 430'
John Molinarolo, Jr.	John Molinarolo, Jr. #1	330° S 330° W NE Sec. 35 8S 6E	2144'	3-22-71	G.L. 373'
Butay Oil Co.	Sprich-Lorch #1	373° S 330° E NW Sec. 35 8S 6E	2136'	11-19-71	G.L. 372'
Butay Oil Co.	Sprich-Lorch #2	330° S 330° W NE Sec. 35 8S 6E	2120'	11-26-71	G.L. 368'
Har-Ken Oil Co.	A. J. Tison Heirs #1	330° N 330° W Sec SW Sec. 15 8S 7E	2190'	8-2-71	D.F. 410'
Har-Ken Oil Co.	Brown Comm. #1	190° N 290° E SW Sec. 16 8S 7E	2210'	11-17-71	G.L. 435'
Har-Ken Oil Co.	Paul McKinnis etal Comm. Unit #2	310° N 350° W Sec SW Sec. 16 8S 7E	2920'	1-29-71	D.F. 402'
Har-Ken Oil Co.	Roberson Heirs #1	310° S 315° W NE Sec. 16 8S 7E	2738'	1-29-71	G.L. 407'
Har-Ken Oil Co.	Roberson Heirs Comm. Unit #1, #1	265° S 345° E NW Sec. 16 8S 7E	2948'	11-17-71	G.L. 429'
Har-Ken Oil Co.	Skelton Comm. #1	300° N 300° W Sec NE Sec. 16 8S 7E	2186'	8-2-71	G.L. 414'
Har-Ken Oil Co.	Stinson Comm. #1	330° S 330° W NE Sec. 16 8S 7E	2190'	1-29-71	G.L. 401'
Har-Ken Oil Co.	A. Watson #1	390° S 300° E NW Sec. 16 8S 7E	2277'	8-2-71	G.L. 428'
J. Cecil Sullivan, Trustee for John Stille Associates	Francis Heirs-Sahara Coal Co. Comm. #1	330° N 350° E SW Sec. 20 8S 7E	2972'	11-17-71	G.L. 380'
Har-Ken Oil Co.	West Beulah Heights Unit #1	340° S 256° E NW Sec. 20 8S 7E	2904'	11-17-71	G.L. 385'
Shawnee Petroleum Associates, Inc.	Clarence Etienne #2	300° S 300° W NE Sec. 25 8S 7E	2190'	9-18-71	G.L. 408'
Jaguar Oil Corp.	Willis Comm. #1	330° N 330° E SW Sec. 21 8S 7E	2635'	12-23-71	G.L. 397'
Jaguar Oil, Inc.	Willis Comm. #1-A	430° N 330° E SW Sec. 21 8S 7E	2635'	12-23-71	G.L. 397'
R. L. Van Fossan d/b/a Big 4 Equipment	Joe Barriok etal Comm. #1	330° S 330° W NE Sec. 34 8S 7E	3021'	1-1-71	D.F. 397'
Shawnee Petroleum Associates, Inc.	McDaniel-Collins Comm. #1	330° S 330° E NW Sec. 36 8S 7E	2977'	5-15-71	G.L. 400'
<b>SANGAMON COUNTY</b>					
E. F. Atkins & E. O. Hale d/b/a Atkins & Hale	Boyd #2	660° N 330° E SW Sec. 5 14N 3W	1810'	6-10-71	G.L. 581'
E. F. Atkins & E. O. Hale d/b/a Atkins & Hale	B. F. Walker Heirs #1	330° N 360° W Sec NE Sec. 5 14N 3W	1785'	6-11-71	G.L. 589.5'
Fred A. Prill	William Walker #1	660° N 330° E SW Sec. 6 14N 3W	1800'	5-18-71	G.L. 527'
Prill Enterprises Fred Prill	William Walker #5	330° N 330° W NE Sec. 6 14N 3W	1900'	5-18-71	G.L. 590.7'
Homeler Oil Associates	Kunz #2	330° N 330° W NE Sec. 2 14N 4W	1701'	11-23-71	G.L. 586'
Ager Oil Co.	Cooper #1	330° S 330° W NE Sec. 17 14N 4W	1716'	4-1-71	G.L. 583.6'
Collins Associates Oil Co.	Sgro #1	660° N 330° E SW Sec. 6 15N 2W	1725'	6-12-71	G.L. 571.5'
Jack D. Kuykendall	Fishburn #2	330° N 330° W NE Sec. 6 15N 2W	1769'	11-19-71	G.L. 571.5'
E. A. Funderburk	Strawkus #1	330° N 330° E SW Sec. 6 15N 2W	1799'	11-23-71	G.L. 594.1'
John Carey Oil Co.	Hawk #1	990° S 190° E NW Sec. 7 15N 2W	1802'	5-29-71	G.L. 546.9'
John Carey Oil Co.	Perko #1	330° S 330° W NE Sec. 1 15N 3W	1830'	5-29-71	G.L. 595.6'
Louis Werner	Perko #1	330° S 330° W NE Sec. 1 15N 3W	1836'	11-9-71	G.L. 600.1'
Jesse Werner	Munson #1	990° S 330° W NE Sec. 9 15N 3W	1732'	8-2-71	G.L. 547'
Homeler Oil Associates	Munson #4	815° N 330° W Sec SW Sec. 9 15N 3W	1746'	11-23-71	G.L. 554'
Homeler Oil Associates	Munson #4	330° N 330° E SW Sec. 12 15N 3W	1822'	6-16-71	G.L. 580.7'
Boyd C. Marquand	John George #3	330° S 330° E NW Sec. 13 15N 3W	1788'	10-15-71	G.L. 548.7'





## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Dayton F. Loeffler	H. Robinson #W-6	717' N 560' E SWC NE Sec. 15 1N 12W	1496'	1-20-71	G.L. 475'
Dayton F. Loeffler	Adam Schaffler #1	330' N 330' W SEC NW NE Sec. 15 1N 12W	1482'	1-7-71	G.L. 475'
Richard W. Elise & Verda M. Elise	C. Stevens #1	330' N 330' E SWC NW SE Sec. 16 1N 12W	2151'	10-7-71	D.F. 451'
Robert W. Elise & Verda M. Elise	Stevens #2	330' S 330' E NW NE Sec. 16 1N 12W	2135'	10-8-71	D.F. 440'
Richard L. Dayson	Tennis-Schmitt Comm. #1	330' S 330' E SWC NE Sec. 19 1N 12W	1585'	9-9-71	G.L. 424'
Asland Oil, Inc.	J. L. Case #2	330' N 330' W SEC SW NE Sec. 30 1N 12W	1638'	11-20-71	G.L. 456'
Bauer Brothers	Dunkel Heirs #5	330' N 330' E SWC SE Sec. 32 1N 12W	2375'	7-28-71	G.L. 414'
Higgins Oil Co.	Pitkev Heirs #1	330' N 330' E SWC NW Sec. 6 1N 13W	2858'	7-7-71	G.L. 413'
Dayton F. Loeffler	Friendville North Unit #5	490' N 330' E SWC SE Sec. 12 1N 13W	1669'	9-28-71	G.L. 460'
Dayton F. Loeffler	Friendville North Unit #6	850' N 875' E SWC SE Sec. 12 1N 13W	1644'	9-30-71	G.L. 450'
Dayton F. Loeffler	Hinderliter-Federal Land Bank #1	330' S 330' E NW SW SE Sec. 12 1N 13W	1662'	9-27-71	G.L. 461'
Dayton F. Loeffler	McIntosh-Buttles #1	330' N 330' E SWC NW SE Sec. 12 1N 13W	2341'	9-17-71	G.L. 457'
Dayton F. Loeffler	McIntosh-Buttles #2	330' S 530' E NW NE Sec. 12 1N 13W	1665'	9-9-71	G.L. 460'
Dayton F. Loeffler	Don Price Comm. #1	330' S 180' E NW NE Sec. 12 1N 13W	2340'	9-22-71	G.L. 458'
Dayton F. Loeffler	Donald Price et al #1-A	330' S 230' W SEC NW SE Sec. 12 1N 13W	1671'	9-24-71	G.L. 469'
John O. Scholfield	Marguerite Pierson #1	330' N 660' W SEC NW SE Sec. 35 1N 14W	2949'	4-13-71	D.F. 396'
C. E. Billingsley	Marguerite Pierson #2	480' S 630' E NW NE Sec. 35 1N 14W	2702'	5-24-71	G.L. 391'
Deil Carroll	Hovermale-Gray-Fuchtmann Comm. #1	330' S 330' E NW SW NW Sec. 31 2N 11W	2167'	4-3-71	G.L. 406'
Deil Carroll	Gilbert L. Dunkel #3-A	73' N 50' W SEC SW Sec. 11 1S 13W	2338'	10-29-71	G.L. 466'
Shakespear Oil Co., Inc.	Rigg #4	330' S 400' E NW NE Sec. 11 1S 13W	2304'	11-1-71	D.F. 447'
Shakespear Oil Co., Inc.	Brines Unit Tr. 2 #3-W	330' N 330' W SEC SW Sec. 17 1S 13W	2594'	11-24-71	D.F. 423'
Shakespear Oil Co., Inc.	Brines Unit, Tract 3 #1	1892' S 330' W SEC NW Sec. 17 1S 13W	2641'	1-26-71	D.F. 471'
Shakespear Oil Co., Inc.	Brines Unit, Tract 4 #1	330' S 330' W SEC NW NE Sec. 20 1S 13W	2590'	11-13-71	D.F. 430'
Shakespear Oil Co., Inc.	Brines Unit (Tract 8 #1)	330' S 330' W SEC NW NE Sec. 20 1S 13W	2615'	2-12-71	D.F. 425'
Shakespear Oil Co., Inc.	Brines Unit Tr. 10, Well #1	330' N 330' E SWC NE Sec. 20 1S 13W	2620'	7-23-71	D.F. 482'
Shakespear Oil Co., Inc.	Brines Unit (Tract 5 #1 SWD)	330' S 330' W SEC NW SE Sec. 20 1S 13W	2642'	11-12-71	D.F. 471'
Shakespear Oil Co., Inc.	Brines Unit Tract 9 Well #1-W	330' S 660' W SEC Sec. 20 1S 13W	1509'	11-20-71	D.F. 472'
Shakespear Oil Co., Inc.	Brines Unit Tract 9 Well #1-W	101' N 330' W SEC NW Sec. 20 1S 13W	2635'	11-1-71	D.F. 462'
Shakespear Oil Co., Inc.	Brines Unit Tr. 15, Well #1-W	330' N 330' W SEC NW NE Sec. 20 1S 13W	2615'	2-2-71	D.F. 464'
Shakespear Oil Co., Inc.	Brines Unit Tr. 15, Well #1-W	330' S 330' E NW NE Sec. 20 1S 13W	2589'	7-28-71	D.F. 451'
Shakespear Oil Co., Inc.	Brines Unit Tr. 7, Well #2	559' S 330' W SEC SW Sec. 20 1S 13W	2655'	1-6-71	D.F. 493'
Shakespear Oil Co., Inc.	Brines Unit (Tract 15 #2-W)	330' S 330' W SEC NW SE Sec. 20 1S 13W	2395'	2-18-71	D.F. 463'
Shakespear Oil Co., Inc.	Brines Unit Tract 3 Well #2-W	1232' S 330' W SEC NW SE Sec. 20 1S 13W	2627'	10-29-71	D.F. 456'
Shakespear Oil Co., Inc.	Brines Unit Tract 4, Well #2-W	990' S 330' W SEC NW NE Sec. 20 1S 13W	2589'	11-16-71	D.F. 435'
Shakespear Oil Co., Inc.	Brines Unit Tr. #1 Well #2-W	330' S 330' W SEC NW SE Sec. 20 1S 13W	2645'	7-22-71	D.F. 476'
Shakespear Oil Co., Inc.	Brines Unit Tr. #2 Well #2-W	330' S 330' E NW NE Sec. 20 1S 13W	2633'	11-13-71	D.F. 476'
Shakespear Oil Co., Inc.	Brines Unit Tract #3	650' N 330' W SEC NW SE Sec. 20 1S 13W	2866'	1-29-71	D.F. 439'
Shakespear Oil Co., Inc.	Brines Unit Tract #12 #3	330' N 330' E SWC SE Sec. 20 1S 13W	2807'	1-5-71	D.F. 445'
Shakespear Oil Co., Inc.	Brines Unit Tr. 5 Well #3-W	1040' N 990' W SEC NW SE Sec. 20 1S 13W	2819'	1-5-71	D.F. 439'
Shakespear Oil Co., Inc.	Brines Unit (Tract #12 Well #5)	1650' N 330' E SW NE Sec. 20 1S 13W	2648'	2-10-71	D.F. 504'
Shakespear Oil Co., Inc.	Brines Unit Tract 5 Well #5-W	330' N 330' W SEC NW SE Sec. 20 1S 13W	2600'	11-4-71	D.F. 451'
Shakespear Oil Co., Inc.	Brines Unit Tract 5 Well #7-W	330' N 330' W SEC NW SE Sec. 20 1S 13W	2585'	7-26-71	D.F. 434'
Shakespear Oil Co., Inc.	Brines Unit, Tr. #12 Well #7-W	330' N 380' W SEC NW SE Sec. 20 1S 13W	2635'	11-15-71	D.F. 489'

Shakespeare Oil Co., Inc.	Brines Unit (Tract 5 #8)	330° S 330° W NEC Sec. 20 1S 13W	2585'	11-18-71	D.F. 426'
Shakespeare Oil Co., Inc.	Brines Unit Tract 12 Well #8-W	990° N 330° W Sec Sec. 20 1S 13W	2591'	2-12-71	D.F. 463'
Shakespeare Oil Co., Inc.	Brines Unit, Wirth #1	330° S 330° W Sec NW Sec. 21 1S 13W	2591'	7-16-71	D.F. 449'
Shakespeare Oil Co., Inc.	Brines Unit Tract #1	330° N 330° E SW Sec. 21 1S 13W	2658'	3-27-71	D.F. 448'
Shakespeare Oil Co., Inc.	Brines Unit Tract 16 #1	330° N 330° E SW Sec. 21 1S 13W	2617'	3-31-71	G.L. 475'
Shakespeare Oil Co., Inc.	Brines Unit Tract #13 Well #1-W	330° S 330° E NW Sec. 21 1S 13W	2615'	3-12-71	D.F. 457'
Shakespeare Oil Co., Inc.	Brines Unit, Tract #14, Well #1-W	330° N 360° W Sec SW Sec. 21 1S 13W	2605'	3-15-71	G.L. 441'
Shakespeare Oil Co., Inc.	Brines Unit Tract #13 #2	1650° N 330° E SW Sec. 21 1S 13W	2742'	3-22-71	D.F. 464'
Shakespeare Oil Co., Inc.	Brines Unit Tract 14 Well #2	330° S 405° W Sec NW Sec. 21 1S 13W	2618'	3-25-71	G.L. 463'
Shakespeare Oil Co., Inc.	Brines Unit Tract 6 Well #2-W	330° N 990° E SW Sec. 21 1S 13W	2754'	7-20-71	D.F. 454'
Shakespeare Oil Co., Inc.	Brines Unit Tract #13 #3	330° N 330° E NW Sec. 21 1S 13W	2645'	2-16-71	D.F. 498'
Shakespeare Oil Co., Inc.	Brines Unit Tract 6 Well #3-W	330° N 330° E NW Sec. 21 1S 13W	2601'	7-30-71	D.F. 436'
Shakespeare Oil Co., Inc.	Brines Unit, Tr. 14, Well #3-W	1650° N 330° W Sec SW Sec. 21 1S 13W	2633'	10-20-71	D.F. 469'
Shakespeare Oil Co., Inc.	Brines Unit Tract #6 #4	330° N 330° E SW Sec. 21 1S 13W	2612'	3-17-71	D.F. 440'
Shakespeare Oil Co., Inc.	Brines Unit Tract #14 #4	990° N 390° W Sec SW Sec. 21 1S 13W	2623'	4-3-71	D.F. 457'
Shakespeare Oil Co., Inc.	Brines Unit Tract #13 Well #4-W	330° S 330° E SW Sec. 21 1S 13W	2615'	3-10-71	D.F. 464'
Shakespeare Oil Co., Inc.	Brines Unit Tract 6 Well #5-W	330° S 330° E NW Sec. 21 1S 13W	2613'	3-8-71	G.L. 470'
Groff #1	H. Groff #2	990° S 990° W Sec SW Sec. 21 1S 13W	2660'	10-22-71	G.L. 470'
Groff #3-W	John Wright #2	330° S 330° E NW Sec. 21 1S 13W	2645'	7-29-71	G.L. 457'
Brines Unit, Tract 23 #1	Brines Unit, Tract 23 #1	330° S 330° E NW Sec. 21 1S 13W	2645'	10-27-71	G.L. 457'
Brines Unit Tract 22 Well #1-W	Brines Unit Tract 22 Well #1-W	330° S 330° W Sec SW Sec. 21 1S 13W	2785'	10-1-71	D.F. 426'
Brines Unit Tract 20 Well #2-W	Brines Unit Tract 20 Well #2-W	330° S 330° W Sec SW Sec. 21 1S 13W	2673'	1-22-71	D.F. 428'
Estela Beronien #1	Estela Beronien #1	330° S 330° W Sec NW Sec. 28 1S 13W	2673'	1-22-71	D.F. 438'
K-172 Comm. #8	K-172 Comm. #8	990° S 330° W Sec NW Sec. 28 1S 13W	2575'	1-29-71	D.F. 433'
A. E. Scultz #8-A	A. E. Scultz #8-A	330° S 330° E NW Sec. 12 2S 14W	3002'	10-9-71	G.L. 395'
Epler #B-1	Epler #B-1	330° N 330° E SW Sec. 8 2S 14W	2610'	7-19-71	D.F. 473'
		330° N 330° E SW Sec. 8 2S 13W	2786'	4-7-71	G.L. 433'
		330° N 330° E SW Sec. 9 2S 13W	1550'	5-26-71	
		560° S 530° W NEC NW NE Sec. 15 2S 13W	1429'	12-14-71	G.L. 442'
		330° S 330° E NW Sec. 15 2S 13W	1350'	12-15-71	G.L. 447'
		315° S 2585° E NW Sec. 11 3S 14W	2950'	8-5-71	G.L. 383'
		320° S 1652° E NW Sec. 22 3S 14W	2783'	6-2-71	D.F. 380'
		330° N 148° W Sec SE NW Sec. 22 3S 14W	2781'	5-25-71	D.F. 382'
		330° S 175° W Sec SE NW Sec. 22 3S 14W	2840'	6-11-71	D.F. 380'
		420° S 580° W Sec NW Sec. 22 3S 14W	2652'	6-9-71	D.F. 378'
		265° S 545° W Sec SE Sec. 22 3S 14W	2779'	6-7-71	D.F. 380'
		990° N 990° W Sec NE Sec. 27 3S 14W	2800'	5-22-71	D.F. 377'
		330° S 110° W Sec NW NE Sec. 27 3S 14W	2791'	5-27-71	D.F. 381'
		10° S 105° E NW Sec. 27 3S 14W	2782'	5-29-71	D.F. 379'
		457° N 1312° E SW Sec. 27 3S 14W	2950'	6-4-71	D.F. 379'
		330° S 330° W NEC NW NW Sec. 3 1S 1W	1351'	8-30-71	G.L. 468'
		330° S 330° E NW Sec. 26 1S 1W	1622'	12-1-71	G.L. 565.5'
		330° S 330° W NEC SW Sec. 26 1S 1W	1500'	10-14-71	G.L. 571.5'
		330° S 330° W NEC NW NW Sec. 35 1S 1W	1621'	10-10-71	G.L. 555.5'
		330° N 330° W Sec SW NW Sec. 24 1S 3W	1328'	6-25-71	G.L. 460'
		990° S 330° E NW Sec. 36 1S 4W	2528'	8-16-71	G.L. 461'
		330° S 1598° E NW Sec. 2 2S 1W	1522'	2-17-71	G.L. 547'
		660° N 330° W Sec Sec. 19 2S 1W	3275'	7-16-71	G.L. 547'
		330° S 990° W Sec NW SE Sec. 21 2S 1W	1609'	1-29-71	G.L. 555'
		990° S 330° W NEC Sec. 26 2S 1W	1705'	5-7-71	G.L. 550.2'
		990° S 330° W NEC NW SE Sec. 26 2S 1W	1780'	11-29-71	G.L. 556.5'

## WASHINGTON COUNTY

Frey-Marine Oil Co., Inc.	Schnut #1	330° S 330° W NEC NW NW Sec. 3 1S 1W	1351'	8-30-71	G.L. 468'
J. A. Dann	C. C. Stanton #1	330° S 330° E NW Sec. 26 1S 1W	1622'	12-1-71	G.L. 565.5'
Joe Dann	Stanton #2	330° S 330° W NEC SW Sec. 26 1S 1W	1500'	10-14-71	G.L. 571.5'
Cecil W. Newcomb	Mitchell #1	330° S 330° W NEC NW NW Sec. 35 1S 1W	1621'	10-10-71	G.L. 555.5'
Peter S. Smalley	Windler #1	330° N 330° W Sec SW NW Sec. 24 1S 3W	1328'	6-25-71	G.L. 460'
M. D. Burdett Oil Properties	Gaebel #1	990° S 330° E NW Sec. 36 1S 4W	2528'	8-16-71	G.L. 461'
N. A. Badridge	Sternberg-Skibinski-Farthing Comm. #1	330° S 1598° E NW Sec. 2 2S 1W	1522'	2-17-71	G.L. 547'
CSGDDRLM Oil Co.	Norma R. Jack et al Comm. #1	660° N 330° W Sec Sec. 19 2S 1W	3275'	7-16-71	G.L. 547'
N. A. Badridge	Waldo Moore #1	330° S 990° W Sec NW SE Sec. 21 2S 1W	1609'	1-29-71	G.L. 555'
James P. Castile	Edward Kasban Comm. #1-A	990° S 330° W NEC Sec. 26 2S 1W	1705'	5-7-71	G.L. 550.2'
Steve P. Castile	Marion Kujaawa #1-A	990° S 330° W NEC NW SE Sec. 26 2S 1W	1780'	11-29-71	G.L. 556.5'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
James P. Castic	Marion Kuajawa #2-A	990°S 330°E NWc SE Sec. 26 S 1W	1485'	11-30-71	G.L. 554'
Cecil W. Newcomb	Omerford #1	330°N 990°W Sec Sec. 31 S 1W	1512'	9-27-71	G.L. 553'
M. D. Burkett Oil Properties	Fontit #1	330°N 330°E SWc SE Sec. 17 S 1W	2570'	7-28-71	G.L. 458'
M. D. Burkett Oil Properties	Bonbrink #1	330°N 330°E NWc SE Sec. 25 S 4W	2570'	8-6-71	G.L. 470'
N. A. Baldridge	Bauza Bros. #1	330°N 330°W Sec NW Sec. 7 S 1W	1249'	2-10-71	G.L. 470'
N. A. Baldridge	Mike Lapuda #1	330°N 330°W Sec SW Sec. 7 S 1W	1330'	8-26-71	G.L. 526'
Slager Producing Corp.	Josephowski #1	330°N 330°E SWc SE Sec. 1 S 2W	1420'	6-21-71	G.L. 536'
Mobil Oil Corp.	J. Barczewski #1	SWc SE Sec. 1 S 3W	1310'	2-6-71	G.L. 509'
Mobil Oil Corp.	J. Barczewski #2	330°N 330°W Sec NE Sec. 15 S 3W	1262'	2-5-71	G.L. 503'
Mobil Oil Corp.	John Barczewski #3	330°N 330°E NWc SE NE Sec. 15 S 3W	1258'	2-10-71	G.L. 499'
Mobil Oil Corp.	John Barczewski #4	165°S 654°W NEc SE Sec. 15 S 3W	1273'	2-5-71	G.L. 509'
Mobil Oil Corp.	J. Barczewski #5	330°N 330°E SWc NE Sec. 15 S 3W	1272'	2-11-71	G.L. 500'
Mobil Oil Corp.	J. Barczewski #W-6	345°S 330°W NEc NE Sec. 10 S 5W	1273'	2-12-71	G.L. 502'
Oslager Oil Co.	Herbert Webber #1-A	330°N 990°W Sec NE NE Sec. 10 S 5W	2387'	9-2-71	G.L. 476'
Crest Oil Co., Inc.	Paul-Kress Comm. #1	330°S 380°E NWc SW NE Sec. 29 S 5W	2228'	9-22-71	G.L. 462.7'
WAYNE COUNTY					
Joe A. Dull	Roscoe Henson #1	660°S 330°E NWc NE NW Sec. 19 N 5E	2942'	11-21-71	G.L. 523'
Fletcher F. Farrar	Hawkins Heirs #1	990°S 990°E NWc NE SW Sec. 23 N 5E	2907'	9-28-71	G.L. 430'
M. D. Burkett Oil Properties	Nelson Keen #2	330°S 330°E NWc NE SE Sec. 31 N 5E	2866'	11-11-71	G.L. 426'
Fletcher F. Farrar	Manahan-West #3	660°N 990°W Sec Sec. 35 N 5E	3100'	3-31-71	G.L. 451'
Texaco, Inc.	M. Greathouse #1	330°N 674°W Sec NW Sec. 27 N 6E	5302'	9-15-71	G.L. 482'
Republic Oil Co.	Elliott #1	330°N 330°W Sec SW Sec. 1 N 7E	3026'	1-29-71	G.L. 404'
Albert Gentles	Silvia Miller #1	330°N 330°W Sec NW Sec. 7 N 7E	3310'	9-22-71	G.L. 472'
Albert Gentles	Albert Bradley #1	990°N 380°E SWc NE SW Sec. 13 N 7E	3116'	10-4-71	G.L. 431'
Robinson Production, Inc.	George Obrecht #1	330°S 330°E NWc SW NW Sec. 26 N 7E	3132'	10-6-71	G.L. 439'
Republic Oil Co.	William Obrecht #1	660°S 330°W NEc NE Sec. 28 N 7E	3200'	10-7-71	G.L. 457'
Southern Illinois Oil Producers, Inc.	W. A. Brown #1	330°S 330°W NEc NW NW Sec. 3 N 8E	3744'	10-7-71	G.L. 447'
Union Oil Co. of California	Barth #1	330°N 330°E SWc SE Sec. 5 N 8E	3076'	4-5-71	G.L. 443'
Union Oil Co. of California	Feller Flood Cons. — W. E. Feller #1	330°S 330°E NWc SW Sec. 5 N 8E	3070'	11-12-71	G.L. 430'
Robinson Production, Inc.	Wesley Feller #1	317°S 330°W NEc NW NW Sec. 7 N 8E	2963'	8-20-71	G.L. 413'
Robinson Production, Inc.	Wesley Feller #3	330°S 330°E NWc NW Sec. 7 N 8E	3070'	8-23-71	G.L. 428'
Robinson Production, Inc.	Wesley Feller #5	310°S 330°E NWc NW Sec. 7 N 8E	2945'	8-19-71	G.L. 406'
Midwest Oil Producers	Hubble #1	330°S 330°E NWc NW Sec. 9 N 8E	3719'	5-22-71	G.L. 433'
William B. Hudson	Shelton #1A	330°S 330°W NEc NW Sec. 21 N 8E	3056'	7-13-71	G.L. 410'
Carmax Industries, Inc.	H. G. French #1	330°N 330°E SWc NW Sec. 23 N 9E	2393'	9-13-71	G.L. 399'
Bangert Casing Pulling Corp	Skelton #1-A	330°S 330°W NEc NW SE Sec. 23 N 7E	3075'	4-28-71	G.L. 443'
Union Oil Co. of California	Manie B. Medley-A #1	627°S 333°W NEc NW NE Sec. 24 N 7E	3120'	1-20-71	G.L. 447'
Illinois Lease Operating, Inc.	Bissey #1	330°S 330°W NEc SW Sec. 25 N 7E	3069'	4-14-71	G.L. 402'
John M. Zanetti, Zanetti Oil Properties	Harris-Reid #2	640°N 330°W Sec NW Sec. 36 N 7E	3034'	5-10-71	G.L. 416'
Union Oil Co. of California	Hugh Michels #6	330°N 330°W Sec NE NW Sec. 36 N 7E	3828'	8-17-71	G.L. 404'

John M. Zanetis, Zanetis Oil Properties	B. F. Reid #1	330° S 330° E NWC SW NW Sec. 36 2N 7E	3072'	5-3-71	G. L. 443'
C. D. Reed	Gill #3	330° N 990° W Sec NW Sec. 20 2N 8E	3242'	7-19-71	G. L. 441'
Ridgedale Oil and Gas Co., Inc.	D. Boone #1	330° S 330° E NWC NE NE Sec. 23 2N 8E	3091'	11-17-71	G. L. 431'
Ridgedale Oil and Gas Co., Inc.	F. Williams #2	330° N 330° W Sec NW NW Sec. 24 2N 8E	3052'	11-17-71	G. L. 437'
R. L. Van Fossan	Shorn #1	330° N 330° W Sec NE Sec. 25 2N 8E	3134'	6-10-71	G. L. 423'
Bangert Casing Pulling Corp.	Shannon #1	330° N 330° E SWC NW NW Sec. 25 2N 8E	3072'	6-21-71	D. F. 439
Westport Oil Producers	J. Williams #4	330° S 330° W NEC SW SE Sec. 25 2N 8E	3115'	12-29-71	G. L. 419
Partlow & Cochrane	Nannie Rogers #1	330° S 330° E NWC SE NE Sec. 30 2N 8E	2280'	9-11-71	G. L. 443
Union Oil Co. of California	Garrison-Keith Cons. #1	282° S 623° W NEC Frac. NW Sec. 31 2N 8E	3050'	8-20-71	G. L. 436
Midwest Oil Producers	Gaby #1	330° S 330° E NWC SW SE Sec. 32 2N 8E	3090'	4-12-71	G. L. 429
Union Oil Co. of California	W. Gill #1	662° S 330° E NWC NW Sec. 34 2N 8E	3140'	1-7-71	G. L. 474
Shawn Oil Co.	Yone #1	330° N 330° E NWC NW Sec. 36 2N 8E	3128'	4-15-71	G. L. 440
John O. Murvin	John Wells #1	330° S 330° E NWC NW Sec. 35 2N 9E	3322'	7-24-71	G. L. 395
Carl E. Busby	Jonas Wells Cons. #1	330° S 330° E NWC NW Sec. 36 2N 9E	3087'	7-25-71	G. L. 409
Texaco, Inc.	Cluida Rolston #1	330° S 330° E NWC NW Sec. 36 2N 9E	3267'	1-25-71	G. L. 439
Texaco, Inc.	H. O. Felt #1	686° S 330° E SWC NW Sec. 38 1S 6E	3155'	8-24-71	G. L. 341
Texaco, Inc.	R. L. Belford #1	695° S 330° E NWC NE NE Sec. 39 1S 6E	3183'	8-24-71	G. L. 341
Republic Oil Co.	R. L. Belford #2	1609° S 330° E NWC NE NE Sec. 39 1S 6E	3211'	8-17-71	G. L. 438
T. L. Clark	Fry #1 #3	330° S 330° W NEC NW Sec. 8 1S 7E	3309'	5-15-71	G. L. 487
Shakespeare Oil Co., Inc.	Cable Cons. #1	512° S 295° W NEC Sec. 15 1S 7E	3150'	6-17-71	G. L. 455
Bangert Casing Pulling Corp.	W. Farris "B" #1	990° N 330° W Sec SW Sec. 7 1S 8E	3101'	10-29-71	G. L. 435
Dae V. Love	George Elliott #1	330° N 330° E SWC NW SE Sec. 10 1S 8E	3212'	7-29-71	G. L. 451
Union Oil Co. of California	John Hinkle #1	330° S 330° E NWC NE SE Sec. 10 1S 8E	3220'	8-2-71	D. F. 440
Union Oil Co. of California	Deer Creek Unit: W. W. Lawrence #2	330° S 330° W NEC Sec. 10 1S 8E	3043'	5-11-71	D. F. 412
Everett Savage	D. F. Thomas #3	660° N 660° W Sec NW Sec. 11 1S 8E	3122'	11-16-71	G. L. 389
John M. Zanetis, Zanetis Oil Properties	C. E. Robbins #1	330° S 330° E NWC NE Sec. 21 1S 8E	3203'	4-20-71	G. L. 473
John M. Zanetis, Zanetis Oil Properties	Anderson #1	330° S 330° E NWC NE Sec. 21 1S 8E	3174'	10-13-71	G. L. 439
John M. Zanetis, Zanetis Oil Properties	Anderson #W-1	330° S 330° W NEC SE Sec. 34 1S 8E	3291'	4-2-71	G. L. 438
John M. Zanetis, Zanetis Oil Properties	Anderson #2	330° N 490° W NEC NE Sec. 34 1S 8E	3230'	10-16-71	G. L. 462
John M. Zanetis, Zanetis Oil Properties	Shaw #1	990° S 330° W NEC NE Sec. 34 1S 8E	3170'	10-25-71	G. L. 426
John M. Zanetis, Zanetis Oil Properties	Shaw #2	330° N 330° E SWC NE Sec. 34 1S 8E	3153'	10-20-71	G. L. 430
John M. Zanetis	Shaw #3	330° S 660° W NEC SE Sec. 34 1S 8E	3176'	1-12-71	G. L. 444
M. J. Williams	J. Headies #1	525° S 225° E NWC E <sub>2</sub> SE SW Sec. 4 2S 7E	3280'	4-30-71	G. L. 439
National Associated Petroleum Co.	Raymond O. Leach #1	990° N 330° E SWC SW SE Sec. 23 2S 7E	3490'	8-31-71	G. L. 430
Jenkins Bros.	Naomi L. Podolsky #1	330° N 330° E SWC NE SE Sec. 28 2S 7E	4156'	9-29-71	G. L. 381
Texaco, Inc.	J. W. Potter #1	330° S 330° E NWC SW NW Sec. 34 2S 7E	3435'	6-11-71	D. F. 380'
C. Richard Collins & Floyd Collins d/b/a Collins Bros. Oil Co.	Puckett #1	330° N 330° W NEC NE Sec. 17 2S 8E	5371'	11-18-71	G. L. 460'
National Associated Petroleum Co.	William H. Ross et al "A" #L	330° N 330° E SWC NW Sec. 32 2S 8E	3500'	4-24-71	G. L. 446'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Boze Heirs Comm. #1	330° N 330° W NEC NE Sec. 32 2S 8E	3500'	9-18-71	G. L. 492
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Cline-Hubble #2	330° S 330° W NEC SE Sec. 33 2S 8E	3450'	12-22-71	G. L. 472
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Gill #1	330° N 330° E SWC NW SW Sec. 34 2S 8E	3452'	9-8-71	G. L. 449
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Gill #2	330° N 330° E SWC NW SW Sec. 34 2S 8E	3425'	9-4-71	G. L. 446'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Gill #3 SWD	330° S 330° E NWC SW NW Sec. 34 2S 8E	3484'	9-3-71	G. L. 481
Illinois Mid-Continent Co.	Dale McCollum #1	330° S 330° E NWC SW NE Sec. 14 2S 9E	3382'	7-23-71	G. L. 473
Illinois Mid-Continent Co.	Roy Johnson #1	330° N 330° W Sec NW NW Sec. 16 2S 9E	3276'	7-28-71	G. L. 375'
Illinois Lease Operating, Inc.	Hunley #1	330° S 380° E NWC SE SW Sec. 15 3S 8E	3538'	5-12-71	G. L. 423
Illinois Lease Operating, Inc.	Hunley #2	330° N 330° W Sec SW Sec. 15 3S 8E	3374'	5-10-71	G. L. 424
Illinois Lease Operating, Inc.	Hunley-Taylor #1	330° S 330° E NWC SW SE Sec. 15 3S 8E	3516'	5-27-71	G. L. 435
Jenkins Bros.	Cynthia Harris #1	330° S 660° E NWC SW NW Sec. 6 3S 9E	3313'	5-4-71	G. L. 426
Jenkins Bros.	O. E. Matthews #1	660° S 330° E NWC NW Sec. 6 3S 9E	3425'	10-23-71	G. L. 408
National Associated Petroleum Co.	Dennis Horton Heirs #1	330° S 940° W NEC NW SE Sec. 12 3S 9E	3390'	9-17-71	G. L. 376



## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
W. C. McBride, Inc.	Higgins-Winzenburger #2	330°N 330°E SWc NW NE Sec. 18 3S 9E	3431'	12-29-71	D.F. 388'
Alva C. Davis	Louis Winzenburger #1	330°S 330°W NEC NW Sec. 18 3S 9E	3434'	12-16-71	G.L. 387'
Alva C. Davis	Louis Winzenburger #1 WS	330°S 1055°W NEC NW Sec. 18 3S 9E	445'	10-12-71	G.L. 424'
Alva C. Davis	Winzenburger #2	330°N 330°W Sec NE NW Sec. 18 3S 9E	3485'	12-18-71	G.L. 401'
WHITE COUNTY					
The Nation Oil Co.	Granger #1	360°N 330°E SWc NW SE Sec. 21 3S 9E	5485'	11-5-71	G.L. 388'
Midwestern Supply Co., Inc.	Crate #3	330°S 340°E Nc NW NE Sec. 34 3S 9E	3502'	5-12-71	D.F. 387'
Midwestern Supply Co., Inc.	Crate #1 (Tract H-8)	330°S 330°W NEC NW Sec. 34 3S 9E	3502'	7-16-71	G.L. 470'
Midwestern Supply Co., Inc.	Elliott #1	330°S 330°E SWc NW NE Sec. 34 3S 9E	3520'	5-6-71	D.F. 440'
Midwestern Supply Co., Inc.	Elliott #1-A	330°S 330°E SWc NW NE Sec. 34 3S 9E	3430'	5-17-71	D.F. 451'
Midwestern Supply Co., Inc.	Elliott #1-A	330°S 330°E SWc NW NE Sec. 34 3S 9E	3420'	5-8-71	D.F. 431'
Midwestern Supply Co., Inc.	Elliott #1-A	330°S 330°E SWc NW NE Sec. 34 3S 9E	3420'	5-8-71	D.F. 431'
Midwestern Supply Co., Inc.	Golden Gate Unit #M-4W	330°S 330°E SWc NW NE Sec. 34 3S 9E	3417'	7-15-71	G.L. 469'
Midwestern Supply Co., Inc.	Golden Gate Unit #M-7W	330°S 330°E SWc NW NE Sec. 34 3S 9E	3513'	7-30-71	G.L. 393'
Midwestern Supply Co., Inc.	Golden Gate Unit #M-7W	330°S 330°E SWc NW NE Sec. 34 3S 9E	3447'	5-4-71	D.F. 442'
Midwestern Supply Co., Inc.	Hill Estate #3 (Tract M-3)	330°S 330°W SEC NW NE Sec. 21 3S 10E	3531'	7-10-71	G.L. 533'
National Associated Petroleum Co.	Merle Postel #1	330°N 330°E SWc NW SE Sec. 21 3S 10E	3307'	6-30-71	G.L. 414'
Mobil Oil Corp.	Kershaw #A-1-A	330°S 330°E SWc NW SE Sec. 21 3S 10E	3197'	10-14-71	G.L. 433'
Mobil Oil Corp.	Kershaw #B-2	330°S 330°E SWc NW SE Sec. 21 3S 10E	3197'	10-14-71	G.L. 415'
Mobil Oil Corp.	Kershaw #B-3	330°S 330°E SWc NW SE Sec. 21 3S 10E	3274'	10-22-71	G.L. 477'
Mobil Oil Corp.	Gordon Kershaw #B-4	330°S 330°W SEC NW NE Sec. 23 3S 10E	3207'	10-22-71	G.L. 477'
Mobil Oil Corp.	Chas. Kuykendall #2-A	330°N 405°E SWc NE SW Sec. 23 3S 10E	3088'	10-21-71	G.L. 453'
Mobil Oil Corp.	Charles D. Kuykendall #6-A	295°S 365°E NWc SE SW Sec. 23 3S 10E	1937'	10-21-71	G.L. 424'
Mobil Oil Corp.	R. Shaw et al #1	330°S 330°W SEC NW NE Sec. 23 3S 10E	3195'	10-15-71	G.L. 424'
Mobil Oil Corp.	Shaw #2	330°S 330°W SEC NW NE Sec. 23 3S 10E	3080'	10-11-71	G.L. 434'
Mobil Oil Corp.	R. Shaw #3-W	25°N 125°E SWc NW Sec. 23 3S 10E	1965'	10-9-71	G.L. 413'
National Associated Petroleum Co.	Hill Shaws #1	990°S 330°W NEC NW Sec. 28 4S 10E	3336'	10-2-71	G.L. 368'
Louis A. Messina	E. H. Morris "B" Lse #1	330°S 330°W NEC NW Sec. 28 4S 10E	3336'	6-18-71	G.L. 383'
Midwestern Supply Co., Inc.	Golden Gate Unit #1-W	330°S 330°W SEC NW NE Sec. 19 3S 11E	3141'	7-18-71	G.L. 403'
Midwestern Supply Co., Inc.	Lewis Williams #3 (Tract R-3)	330°S 330°E NWc SW NE Sec. 34 5S 9E	3463'	7-21-71	G.L. 453'
Illinois Lease Operating, Inc.	Doerr #1A	330°S 330°E SWc NW NE Sec. 34 5S 9E	3476'	7-19-71	G.L. 473'
Southern Triangle Oil Co.	Doerr #1B	330°S 330°W SEC NW NE Sec. 34 5S 9E	3310'	8-19-71	G.L. 453'
Southern Triangle Oil Co.	J. Doerr #2-A	330°S 330°W SEC NW NE Sec. 34 5S 9E	3340'	8-10-71	G.L. 459'
W. C. McBride, Inc.	Joseph Jacobs #4	330°N 380°W SEC NW Sec. 34 4S 9E	3309'	9-2-71	G.L. 450'
Southern Triangle Oil Co.	O. Brown #W-1	330°S 660°W NEC NW Sec. 34 4S 9E	3210'	6-23-71	G.L. 394'
Southern Triangle Oil Co.	Fannie Fray #2	330°S 330°E SWc NW SW Sec. 35 4S 9E	3313'	8-12-71	G.L. 437'
Southern Triangle Oil Co.	East Centerville Unit #B-7W	330°S 330°E SWc NW SW Sec. 35 4S 9E	3301'	8-30-71	G.L. 439'
Henry Alshuler d/b/a Absher Oil Co.	Paul Bunting #1	876°S 669°E NWc NW Sec. 7 4S 10E	3225'	6-19-71	G.L. 393'
Ram Oil Corp.	Bond-Henderson Comm. #2	330°S 330°W NEC NW Sec. 10 4S 10E	3195'	4-29-71	G.L. 383.51'
Illinois Mid-Continent Co. & Dee Drilling	West Drilling Co.	330°S 330°W NEC NW Sec. 10 4S 10E	3210'	9-15-71	G.L. 395'
West Drilling Co.	Flora #W-1	330°S 330°E SWc NW NE Sec. 24 4S 10E	3095'	11-12-71	G.L. 433'
West Drilling Co.	Flora #3	330°S 330°W NEC NW Sec. 24 4S 10E	1994'	11-12-71	G.L. 440'
C. Richard Collins & Floyd Collins d/b/a Collins Bros. Oil Co.	Flora Unit #8	990°N 330°E SWc NW Sec. 24 4S 10E	2342'	8-13-71	G.L. 426'
Corwin-Jacobs #1	330°N 330°W SEC NW NW Sec. 28 4S 10E	3204'	11-17-71	G.L. 388'	

Triple "B" Oil Producers, Inc.	John Spencer #1	990' N 990' W Sec NW Sec. 35 4S 10E	3140'	11-16-71	G.L. 393'
Phillips Petroleum Co.	Laura #7	1650' N 990' E Sec NW SW Sec. 19 4S 11E	3020'	6-23-71	D.F. 433'
Elmer Novak	J. J. Bond #W-24	1985' S 7' W Nec Sec. 8 4S 14W	2819'	11-24-71	D.F. 390'
Alva C. Davis Petroleum, Inc.	Potter #2	330' N 330' W Sec NE Sec. 8 4S 14W	2819'	12-7-71	G.L. 372'
Alva C. Davis Petroleum, Inc.	E. Potter #6	330' N 330' W Sec NE Sec. 8 4S 14W	5850'	6-18-71	G.L. 372'
Virgil Coleman & Earl Vanhorn	Cule Dix Etal #1	330' N 330' W Sec NE Sec. 18 4S 14W	3070'	6-18-71	G.L. 374'
Texaco, Inc.	E. Hon #2	330' N 330' W Sec SW NW Sec. 18 4S 14W	3047'	12-21-71	
Texaco, Inc.	E. Hon #5	330' S 330' E NWC SW NW Sec. 18 4S 14W	3045'	12-21-71	G.L. 342'
Texaco, Inc.	E. Hon #5	135' S 900' E NWC SW NW Sec. 18 4S 14W	2020'	12-22-71	G.L. 437'
Texaco, Inc.	E. F. Cowen #1	330' N 330' E SWC NW NW Sec. 18 4S 14W	2851'	12-26-71	G.L. 437'
Princelless's Oil, Inc.	H. T. Criter #1	330' N 330' E SWC NW NW Sec. 21 5S 8E	3450'	7-28-71	G.L. 446'
Princelless's Oil, Inc.	Healy #1	330' N 330' W Sec NE NW Sec. 21 5S 8E	3478'	12-17-71	G.L. 562 55'
Fairway Petroleum Corp.	Raleigh Wilson #B-1	330' N 660' W Sec NE Sec. 23 5S 9E	3293'	11-27-71	G.L. 397'
Southern Triangle Oil Co.	Carrie Hughes #1	330' S 330' E SWC NW Sec. 2 5S 9E	3414'	8-27-71	G.L. 461'
Southern Triangle Oil Co.	Carrie Hughes #2	330' S 330' E NWC SW NW Sec. 2 5S 9E	3316'	8-6-71	G.L. 443'
Southern Triangle Oil Co.	Hughes #W-4	330' S 330' W Nec SW NW Sec. 2 5S 9E	3340'	9-4-71	G.L. 458'
Southern Triangle Oil Co.	Hughes #W-5	330' S 330' E NWC Sec. 2 5S 9E	3335'	2-8-71	D.F. 455'
Southern Triangle Oil Co.	Miller #W-1	330' S 330' E NWC SW Sec. 2 5S 9E	3425'		G.L. 458'
Southern Triangle Oil Co.	Hubele #1	330' N 330' W Sec NE Sec. 3 5S 9E	3350'	9-21-71	G.L. 454'
Southern Triangle Oil Co.	Hubele #W-3	380' S 330' W Nec SE Sec. 3 5S 9E	3248'	9-8-71	G.L. 434'
Southern Triangle Oil Co.	G. A. Lichtenberger #1	330' S 330' W Nec SE Sec. 3 5S 9E	3325'	2-5-71	D.F. 460'
Southern Triangle Oil Co.	G. A. Lichtenberger #2	330' S 330' E NWC NE Sec. 3 5S 9E	3358'	8-21-71	G.L. 484'
Southern Triangle Oil Co.	R. Williams #W-1	330' S 330' W Nec NW SE Sec. 3 5S 9E	3309'	9-11-71	G.L. 480'
Southern Triangle Oil Co.	Claire Williams #1-A	330' N 330' W Nec NW Sec. 3 5S 9E	3176'	6-26-71	G.L. 468'
Lee Labrot	Brown #2	330' S 330' W Nec NW Sec. 35 5S 9E	3189'	11-6-71	G.L. 373'
Royal Oil and Gas Corp.	W. F. Ackerman "C" #2 (Maunie Unit #8)	330' N 330' E SWC NE NW Sec. 25 5S 10E	2955'	9-23-71	G.L. 371'
Herridon Drilling Co.	Roser #1	330' N 330' W Sec NE Sec. 26 5S 10E	3052'	6-17-71	G.L. 372'
Illinois Lease Operating, Inc.	Roser #5	330' N 990' W Sec NE Sec. 26 5S 10E	3053'	6-14-71	G.L. 371'
Illinois Lease Operating, Inc.	Calvert #2-W	330' N 330' W Sec NE NW Sec. 32 5S 10E	2136'	10-29-71	D.F. 425'
Tamarack Petroleum Co., Inc.	William Hanna #1	330' N 330' W Sec NW NE Sec. 32 5S 10E	2116'	10-20-71	D.F. 419'
Tamarack Petroleum Co., Inc.	William Hanna #2-W	330' N 330' E SWC NW NE Sec. 32 5S 10E	2117'	10-27-71	D.F. 415'
Tamarack Petroleum Co., Inc.	William Hanna #W-3	330' S 330' W Nec NW NE Sec. 32 5S 10E	3133'	10-26-71	G.L. 398'
Tamarack Petroleum Co., Inc.	Hanna #4-W	990' S 330' E SWC NE Sec. 32 5S 10E	2131'	10-30-71	
Tamarack Petroleum Co., Inc.	Hanna #5	990' N 330' W Sec NW NE Sec. 32 5S 10E	2123'	11-11-71	G.L. 423'
Tamarack Petroleum Co., Inc.	Hanna #6	330' S 330' E NWC NE Sec. 32 5S 10E	2095'	10-22-71	G.L. 395'
Tamarack Petroleum Co., Inc.	Hanna #7	330' N 330' E SWC NE Sec. 32 5S 10E	2090'	5-8-71	G.L. 403'
Tamarack Petroleum Co., Inc.	Hanna #8-W	50' N 330' W Sec NE Sec. 32 5S 10E	2122'	11-9-71	G.L. 402'
Tamarack Petroleum Co., Inc.	Hanna #9	330' S 330' W Sec NE Sec. 32 5S 10E	2088'	10-13-71	G.L. 394'
Tamarack Petroleum Co., Inc.	Henderson P. Land #3	330' S 330' W Nec SE Sec. 32 5S 10E	2363'	7-22-71	G.L. 395'
O. H. & F., Inc.	Maunie Unit #42 (R.W. Siemaker #6)	330' S 330' W Nec SE Sec. 36 5S 10E	3140'	10-5-71	G.L. 367'
Herridon Drilling Co.	Genevieve Rinehart #1	330' N 660' E SWC NW SW Sec. 30 5S 11E	3104'	5-1-71	G.L. 363'
Ram Oil Corp.	Ivan K. Healy #1	330' N 330' W Sec. 18 6S 8E	3298'	11-1-71	G.L. 400'
Frank M. McHale	E. W. Edwards #1	330' S 330' W Nec SE Sec. 23 6S 8E	3186'	12-23-71	G.L. 488'
Frank M. McHale	Jake Aud #1	330' S 330' W Nec SE Sec. 27 6S 9E	3036'	7-9-71	G.L. 481'
L. S. Dennis	Smith #1	330' S 330' W Nec SE Sec. 9 6S 10E	2555'	5-24-71	G.L. 372'
Roland P. Sackett d/b/a Thunderbird Oil Co.	E. Smith #2	330' S 330' E NWC SE Sec. 9 6S 10E	2554'	5-20-71	G.L. 374'
Roland P. Sackett d/b/a Thunderbird Oil Co.	N. F. Ackerman #1	330' S 330' E NWC SE Sec. 10 6S 10E	2540'	6-12-71	G.L. 371'
Roland P. Sackett d/b/a Thunderbird Oil Co.	North Concord Unit Ackerman #3	659' S 659' E NWC SE Sec. 10 6S 10E	2527'	6-14-71	G.L. 364'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Ackerman-Frymire Comm. #1	160' E SWC NW SE Sec. 10 6S 10E	2537'	6-10-71	G.L. 371'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Neal Cutchins #1	330' S 330' W Nec SW Sec. 10 6S 10E	2550'	6-4-71	G.L. 375'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Neal Cutchins #2	330' S 330' E NWC SW Sec. 10 6S 10E	2550'	6-3-71	G.L. 374'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Cutchins Comm. #3	330' S 330' E NWC SW Sec. 10 6S 10E	2546'	6-9-71	G.L. 369'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Cutchins-Tucker Comm. #1	330' N 671' E SWC SE Sec. 10 6S 10E	3096'	6-2-71	G.L. 371'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Frymire #2-A	330' N 330' E SWC NW Sec. 10 6S 10E	2570'	6-24-71	G.L. 369'

## WELLS PLUGGED IN 1971—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Roland P. Sackett d/b/a Thunderbird Oil Co.	Louis Rushing #1	330°N 330°W Sec NW SW Sec. 10 8S 10E	2524'	6-8-71	G.L. 367'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Louis Rushing #2	330°N 330°E SWc NW SW Sec. 10 8S 10E	2530'	5-19-71	G.L. 375'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Spinnell #B-1 #2-A	330°N 330°W Sec NW SW Sec. 10 8S 10E	2536'	5-26-71	G.L. 371'
T. W. George	A. A. Williams #1	330°N 330°E SWc NW SW Sec. 10 8S 10E	2547'	6-10-71	G.L. 366'
T. W. George	Roy E. Pearce #1-A	330°N 330°W Sec NW SW Sec. 35 6S 10E	2807'	2-8-71	G.L. 366'
T. W. George	Robert Keck #2 (W-3)	330°N 330°E SWc SE Sec. 35 6S 10E	2728'	2-3-71	G.L. 367'
Slagter Producing Corp.	Robert Keck #3-A	330°S 330°E SWc SE Sec. 35 6S 10E	1943'	6-11-71	G.L. 367'
Humble Oil and Refining Co.	Charles Mitchell #1	330°S 330°W NEc NE NE SW Sec. 11 7S 8E	2178'	11-27-71	D.F. 405'
Humble Oil and Refining Co.	Charles W. Mitchell #2	330°S 330°E NWc NW SW Sec. 11 7S 8E	2939'	11-30-71	G.L. 424'
Humble Oil and Refining Co.	Charles Mitchell #4	330°S 330°E NWc NW SW Sec. 11 7S 8E	2186'	12-3-71	D.F. 405'
Humble Oil and Refining Co.	C. W. Mitchell #7	364°S 354°W NEc NW Sec. 11 7S 8E	3080'	12-7-71	D.F. 406'
A. Eron d/b/a Acme Casing Pulling Co.	Aud #1	330°N 330°E SWc NE SE Sec. 3 7S 9E	2930'	7-23-71	D.F. 472'
A. Eron d/b/a Acme Casing Pulling Co.	A. J. Aud #5	380°S 330°W NEc SE Sec. 3 7S 9E	3064'	10-8-71	G.L. 391'
Frank M. McHale	Bernard Bayley #1	330°S 330°W NEc SE Sec. 14 7S 9E	2406'	9-23-71	G.L. 393'
Frank M. McHale	Union Ridge Cemetery #1	330°N 330°E NWc NW SW Sec. 15 7S 9E	2273'	10-15-71	G.L. 367'
T. W. George	Roy E. Pearce #2	330°S 330°E NWc NW SW Sec. 2 7S 10E	2936'	10-30-71	D.F. 367'
T. W. George	Stewart Pearce #W-1	330°S 330°W NEc NW Sec. 2 7S 10E	2568'	1-29-71	G.L. 365'
WILLIAMSON COUNTY					
A. B. Vaughn	Madison Coal Corp. #1	290°S 270°W NEc SW Sec. 21 8S 1E	2520'	6-8-71	G.L. 412 55'
Fletcher F. Farrar	Rehn-Hudson #1-H	330°S 440°W NEc NW SE Sec. 4 8S 2E	2740'	9-22-71	G.L. 389 22'
C. E. Brehm d/b/a C. E. Brehm	Rehn-Hudson #3-H	200°N 450°W Sec NW SE Sec. 4 8S 2E	2550'	9-22-71	G.L. 378'
C. E. Brehm d/b/a C. E. Brehm	Little Fair #3B	330°S 500°W NEc SE SW Sec. 12 8S 2E	2642'	9-6-71	G.L. 424 9'
C. E. Brehm d/b/a C. E. Brehm	Moore #1B	330°S 390°W NEc SW SW Sec. 12 8S 2E	2695'	8-30-71	G.L. 416 1'
Jack William Stroud	Harris #1	990°S 330°E NWc NW SW Sec. 3 8S 3E	2991'	1-6-71	G.L. 430'
C. E. Brehm d/b/a C. E. Brehm	Morris #1	330°N 330°W Sec NE NW Sec. 24 8S 3E	2938'	10-4-71	G.L. 513'
C. E. Brehm d/b/a C. E. Brehm	Perry-Odum Comm. #1	330°N 330°E SWc SE Sec. 36 8S 3E	2720'	6-29-71	G.L. 472'
C. E. Brehm d/b/a C. E. Brehm	Holland #1	990°N 330°W Sec Sec. 27 8S 4E	3055'	1-7-71	G.L. 501'
C. E. Brehm d/b/a C. E. Brehm	Helen Allison #1	330°N 330°E SWc NW Sec. 28 9S 3E	2380'	11-19-71	G.L. 452'
C. E. Brehm d/b/a C. E. Brehm	Edwards #1	330°S 330°W NEc SE NW Sec. 1 9S 4E	2847'	1-8-71	G.L. 492'
C. E. Brehm d/b/a C. E. Brehm	Mifflin #1	330°N 330°W Sec SW Sec. 5 9S 4E	2259'	4-17-71	D.F. 537 5'
C. E. Brehm d/b/a C. E. Brehm	Trimble Comm. #1	330°S 990°W NEc SE Sec. 8 9S 4E	2750'	11-27-71	G.L. 523'
C. E. Brehm d/b/a C. E. Brehm	Turner #1	330°N 1050°E SWc NE Sec. 18 9S 4E	2710'	6-10-71	G.L. 482'
C. E. Brehm d/b/a C. E. Brehm	Carney #A-1	330°S 330°E NWc NE SE Sec. 20 9S 4E	2750'	5-30-71	G.L. 523'



## PRODUCING WELLS (Completed in 1971)

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
<b>ADAMS COUNTY</b>						
Claude McElvain	Kirchherr #5	330°N 330°E SWc SW NE SW Sec. 25 1S 5W	Silurian	675'	12	G.L. 730'
<b>BOND COUNTY</b>						
Dolphin Operating Co., Inc.	A. Neumann #1	330°N 330°W SEc NW NW Sec. 7 4N 3W	Penn.	686'	Gas	G.L. 516'
Skyline Oil Co., Inc.	Neumann #1	330°N 330°W SEc NW Sec. 32 4N 3W	Benoist	1061'	Gas	G.L. 481.9'
Dolphin Operating Co., Inc.	C. File #1	405°N 318°W SEc SW SE SW Sec. 26 5N 4W	Cypress	926'	Gas	G.L. 489'
<b>BROWN COUNTY</b>						
Donald E. Oberlander	Oberlander #1	330°N 330°W SEc NE NE Sec. 16 2S 4W	Silurian	652'	5	G.L. 695'
<b>CHRISTIAN COUNTY</b>						
Aladdin Oil Development Co.	Ola Baker Comm. #1	400°N 300°E SWc SE Sec. 20 14N 3W	Silurian	1732'	38	G.L. 591.7'
Aladdin Oil Development Co.	Truax #1-A	330°S 330°E NWc SW NE Sec. 28 14N 3W	Silurian	1744'	16	G.L. 562.1'
Don Durr	Bennett #3	330°N 330°E SWc Sec. 14 15N 1W	Silurian	1944'	5	G.L. 609.57'
Comanches Oil Corp.	John Tolin #1	660°S 330°E NWc SE Sec. 7 15N 2W	Silurian	1785'	400	G.L. 549.3'
Homer Oil Associates	John Tolin #2	330°S 330°E SWc NE SW Sec. 7 15N 2W	Silurian	1806'	32	G.L. 580'
Homer Oil Associates	Tolin #3	330°S 330°W NEc SE Sec. 7 15N 2W	Silurian	1810'	22	G.L. 545.8'
Comanche Oil Corp.	Ridgeaway Comm. #1-A	990°N 330°E NWc NW SE Sec. 18 15N 2W	Silurian	1789'	130	G.L. 553.7'
Pat Genelle & Funderburk	Allen #1	330°S 330°E SWc SE SW Sec. 13 15N 3W	Silurian	1895'	6	G.L. 603'
McKinney & Funderburk	Allen #2	330°S 330°E NWc NW SW Sec. 13 15N 3W	Silurian	1753'	140	G.L. 541.5'
Comanche Oil Corp.	Buzzard #1-A	330°S 330°E NWc SE NW Sec. 13 15N 3W	Silurian	1761'	110	G.L. 540.8'
Hutchco Drilling Co.	Rogers Comm. #1	330°S 330°E NWc NE SW Sec. 13 15N 3W	Silurian	1801'	40	G.L. 588'
Comanche Oil Corp.	Swope #7	330°S 330°E NWc NE Sec. 13 15N 3W	Silurian	1813'	7	G.L. 585.2'
Comanche Oil Corp.	Swope-Buzzard Comm. #1	330°S 330°W SEc NW NE Sec. 13 15N 3W	Silurian	1771'	400	G.L. 551.3'
		330°S 330°E NWc SW NE Sec. 13 15N 3W	Silurian	1775'	90	G.L. 554.3'
<b>CLARK COUNTY</b>						
American Pump & Supply Co.	Ralph Bennett #A-1	330°S 330°E NWc NE NW Sec. 13 9N 14W	Partlow	645'	2	G.L. 563.6'
<b>CLAY COUNTY</b>						
Caesar J. Casolari	M. McAllister Etal #1	330°S 860°E NWc NE NW Sec. 4 2N 7E	Aux Vases	3062'	62	G.L. 443'
Don Durr	Tackett #1	330°S 330°W NEc SW SW Sec. 36 3N 5E	Aux Vases	2810'	31	G.L. 525'
Don Durr	Tackett #3	330°S 330°E NWc SW SW Sec. 36 3N 5E	Benoist	2708'	5	G.L. 527'
W. C. McBride, Inc.	W. F. Moench #7	330°S 330°E NWc NE NW Sec. 10 3N 7E	Cypress	2927'	1/2	G.L. 431'
Charles E. Booth	Colclasure #1	330°S 330°E NWc SW SW Sec. 17 3N 7E	Aux Vases	2958'	20	G.L. 459'
R. L. Van Fossan	McCawley #1	330°N 330°E NWc NW Sec. 17 3N 7E	Aux Vases	2954'	146	G.L. 482'
R. L. Van Fossan	McCawley #3	990°N 330°E SWc NW SW Sec. 17 3N 7E	Aux Vases	2954'	110	G.L. 486'
Charles E. Booth	Dunlap #1	2019°S 330°W NEc SE Sec. 18 3N 7E	Aux Vases	3061'	130	G.L. 485'
Robinson Oil Co.	Frank Mattox #1	330°N 330°W SEc NE SE Sec. 18 3N 7E	Aux Vases	3003'	28	G.L. 483'
Harold Richey	Roscoe Wilson #1	330°S 330°W NEc SW SE Sec. 21 3N 7E	McClosky	3010'	22	G.L. 455'

## PRODUCING WELLS (Completed in 1971) — Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
J. B. MacGregor	Klien #1	330° S 330° E NWc NE NW Sec. 34 3N 7E	Rosiclare	3606'	40	G.L. 438'
J. B. MacGregor	Klien #3	330° S 330° W NEc NW NW Sec. 34 3N 7E	Rosiclare	3270'	65	G.L. 434'
J. B. MacGregor	R. Snell #1	330° S 330° E NWc SW NW Sec. 34 3N 7E	Rosiclare	3267'	45	G.L. 440'
Triple "B" Oil Producers, Inc.	R. Lazaretti #1	330° N 330° W SEc NE NW Sec. 28 3N 8E	McClosky	3057'	10	G.L. 435'
Union Oil Co. of California	Bunville Cons.	330° N 147° E SWc Sec. 28 3N 8E	Aux Vases	3037'	10	G.L. 437'
Union Oil Co. of California	Bunville Cons.	560° S 460° W NEc SW Sec. 32 3N 8E	Aux Vases	3005'	38	G.L. 460'
Union Oil Co. of California	Bunville Cons.	690° N 380° E SWc Sec. 32 3N 8E	Aux Vases	3018'	5	G.L. 461'
Union Oil Co. of California	Bunville Cons.	90° S 490° W NEc Sec. 32 3N 8E	Aux Vases	2973'	41	G.L. 452'
R. H. Billingsley	McGarty #4	170° N 100° E SWc NW NW Sec. 33 3N 8E	Aux Vases	2970'	4	G.L. 448'
Willard McKinney	Stanley #1	330° S 330° W NEc NW NW Sec. 10 4N 7E	Aux Vases	2890'	50	G.L. 473'
Bufay Oil Co.	Turner #1	330° S 330° E NWc SW NW Sec. 5 4N 8E	McClosky	3069'	35	G.L. 476'
Willard McKinney	Turner #2	330° N 330° E SWc SW NW Sec. 5 4N 8E	McClosky	3010'	128	G.L. 479'
Bufay Oil Co.	Turner #2	330° N 330° W SEc NW NW Sec. 5 4N 8E	Rosiclare	2998'	55	G.L. 483'
Hubert W. Rose	Hostettler #1	330° S 660° E NWc SW NW Sec. 5 4N 8E	Rosiclare	3129'	40	G.L. 481'
Willard McKinney	Klingler #1	330° N 330° W SEc NE NW Sec. 6 4N 8E	McClosky	3091'	3	G.L. 485'
Bufay Oil Co.	Stanley Comm. #1	990° N 400° W SEc NE NW Sec. 6 4N 8E	McClosky	3078'	8	G.L. 482'
Bufay Oil Co.	Stanley Unit #1	330° S 330° W SEc NE NW Sec. 6 4N 8E	Rosiclare	2992'	104	G.L. 475'
Tom Kiernan	Norbut #3	330° S 330° W NEc SE NW Sec. 3 5N 5E	McClosky	2990'	306	G.L. 472'
Don W. Newton	R. Crouse #3	330° S 330° W NEc NW NW Sec. 36 5N 7E	Cypress	2487'	18	G.L. 542.2'
				2590'	8	G.L. 487'
CLINTON COUNTY						
Odus S. Pattillo	Lampen #5	330° S 990° E NWc Sec. 16 1N 2W	Cypress	1105'	15	G.L. 421'
Odus S. Pattillo	Lampen #6	330° S 220° E NWc NE NW Sec. 16 1N 2W	Cypress	1104'	7	G.L. 421'
COLES COUNTY						
Safari Oil Co. & Associates	Rick #11	330° S 330° E NWc SE NW Sec. 11 11N 7E	Rosiclare	2024'	15	G.L. 709'
Charles Armantrout	Oliver #C-1	330° N 990° W SEc Sec. 2 12N 7E	Cypress	1939'	80	G.L. 684.5'
Charles Armantrout	Oliver #C-2	330° N 1650° W SEc Sec. 2 12N 7E	Cypress	1934'	20	G.L. 685.9'
Safari Oil Co. & Associates	Osborne #7	990° N 1650° W SEc NE NW Sec. 10 12N 7E	Cypress	1994'	20	G.L. 701'
Elton M. Botts	Tinsley Heirs #1	843° N 330° W SEc NE NW Sec. 22 12N 7E	Devonian	3200'	Gas	G.L. 706.72'
Elton M. Botts	Freeman Est. #1	280° N 330° W SEc NW NW Sec. 23 12N 7E	Devonian	3181'	Gas	G.L. 711.9'
James L. Thompson & Earl R. Arnold	Everett Dollar #1	2055.5° S 330° W NEc Sec. 6 13N 11E	Penn.	265.5'	5	G.L. 670.3'
CRAWFORD COUNTY						
Edwards Oil Co., Inc.	Bradbury E #1	330° S 330° W NEc SW NW Sec. 11 6N 12W	Robinson	1022'	Prod.	G.L. 597.1'
E. L. Whitmer, Inc.	W. R. Ames #1-A	330° S 330° W NEc SW NW Sec. 4 6N 13W	Aux Vases	1920'	31	G.L. 482.1'
Charles J. Smith d/b/a Smith Bros.	J. A. Smith #4	330° S 330° E NWc NE NW Sec. 24 6N 13W	Robinson	1009'	2	G.L. 517.3'
Marathon Oil Co.	B. B. Kintner #17	630° N 620° W SEc Sec. 13 13N 13W	Renault	1458'	26	G.L. 509'
Marathon Oil Co.	Reed Unit #2 Well #2	660° N 660° W NEc SW NW Sec. 8 7N 13W	Renault	1495'	Prod.	G.L. 506'
Marathon Oil Co.	Eliza Reed a/c #1 #25	660° N 660° E SWc SE NW Sec. 8 7N 13W	Renault	1465'	16	G.L. 519'
Marathon Oil Co.	Noah Reed #10	660° N 660° W SEc SW NW Sec. 8 7N 13W	Renault	1438'	160.6	G.L. 511'
Getty Oil Co.	C. M. Stille Lease #1 Well #1-A	665° N 610° E SWc NW NW Sec. 8 7N 13W	Renault	1456'	11	G.L. 517.7'

Marathon Oil Co.	Charles Clark #28	685° N 660° E SWc SE Sec. 17 7N 13W	Aux Vases	1450'	35	G.L. 512'
Marathon Oil Co.	Saxton Unit #1	660° N 660° E SWc SE Sec. 17 7N 13W	Renault	1444'	Prod	G.L. 510'
Marathon Oil Co.	O. M. Hulse a/c 2 #18	660° N 660° E SWc SE Sec. 17 7N 13W	Renault	1445'	36.6	G.L. 495'
Marathon Oil Co.	Dan Kinner #17	660° S 660° W NEc NW Sec. 18 7N 13W	Renault	1460'	14.2	G.L. 501'
Getty Oil Co.	J. G. McKnight #10 - Acct. #2	671° S 660° W NEc NW Sec. 18 7N 13W	Bethel	1450'	56	G.L. 501.7'
Marathon Oil Co.	Hulse-Arnold Unit #1	660° S 677° W NEc NW SE Sec. 19 7N 13W	Renault	1424'	Prod	G.L. 487'
Marathon Oil Co.	C. B. Mouser #1-M	660° S 660° W NEc NW SE Sec. 19 7N 13W	Renault	1432'	Prod	G.L. 487'
Marathon Oil Co.	Samuel Dennis #20	680° N 660° E SWc SE Sec. 29 7N 13W	Aux Vases	1467'	32.2	G.L. 494'
Doyle Sharrett, Ada Sharrett, C. L. Glover, Belton Y. Glover d/b/a Bellair Oil Co.	John Payne #77	660° N 224° W SEc NW SE Sec. 11 8N 14W	Robinson	974'	10	G.L. 547'
DOUGLAS COUNTY						
Elton Botts	Yoder #1	330° N 1650° E SWc SW Sec. 1 15N 7E	Rosciare	1597'	3	G.L. 658'
Elton Botts	Yoder #2	330° N 330° W SEc SW Sec. 1 15N 7E	Rosciare	1501'	3	G.L. 658'
Elton Botts	Cline #2	330° S 330° W NEc SW NE Sec. 23 15N 7E	Rosciare	1690'	40	G.L. 660.83'
Elton Botts	Wm. Jones #4	990° S 330° E NWc Sec. 24 15N 7E	Rosciare	1672'	70	G.L. 664'
Elton Botts	Wm. Jones #6	1650° S 330° E NWc Sec. 24 15N 7E	Rosciare	1719'	80	G.L. 663.62'
EDGAR COUNTY						
Earnest Zink	Hunt #1	330° S 330° E NWc SE Sec. 11 12N 14W	Penn.	485'	Gas	G.L. 690'
Earnest Zink	Bradford-Richey Comm. #1	330° S 330° E NWc SW Sec. 14 12N 14W	Penn.	485'	Gas	G.L. 704'
Earnest Zink	Wheeler #2	330° N 990° E SWc NE NW Sec. 14 12N 14W	Penn.	485'	Gas	G.L. 705'
Earnest Zink	Dawson #3	330° N 330° W SEc NE Sec. 15 12N 14W	Penn.	480'	Gas	G.L. 695'
Barr, Homann and Robison	Baber Lease Well #11	990° S 990° E NWc SE Sec. 9 13N 13W	Penn.	442'	10	G.L. 701'
Barr, Homann and Robison	Baber Well #12	330° S 330° E NWc NE Sec. 9 13N 13W	Penn.	426'	8	G.L. 700'
Barr, Homann and Robison	Brian Baber Lease #2 Well #1	990° N 330° W SEc NW Sec. 9 13N 13W	Penn.	446'	2	G.L. 697'
Barr, Homann and Robison	Brian Baber Lease #2 Well #2	330° N 330° W SEc NW Sec. 9 13N 13W	Penn.	435'	5%	G.L. 697'
Barr, Homann and Robison	Brian Baber Lease #2 Well #3	330° N 990° W SEc NW Sec. 9 13N 13W	Penn.	448'	5	G.L. 697'
EDWARDS COUNTY						
Martin Heimrich	Miller-Ibbotson Comm. #1	330° N 330° E SWc NW Sec. 11 1N 10E	McClosky	3290'	1	G.L. 479'
Mr. V. Ring	Fred Raster #3	330° N 330° E SWc NW SE Sec. 18 1S 14W	Benoist	3150'	65	G.L. 439'
Dee Drilling Co.	Harris Woods Comm. #3	990° S 330° E NWc NE Sec. 18 2S 10E	O'Hara	3395'	70	G.L. 422'
Southern Triangle Oil Co.	William Kershaw #1-A	405° S 1680° W NEc SE Sec. 24 2S 10E	Benoist	2957'	73	G.L. 456'
R. K. Petroleum Corp	Albion East Unit—Whitehead #1	406° S 990° E NWc Sec. 7 2S 11E	Aux Vases	3051'	17	G.L. 441'
Mr. V. Ring	Mr. Broster Heirs #1	330° N 330° E SWc NE SE Sec. 32 2S 14W	Robinson	3084'	135	G.L. 390'
Andy G. Hocking	Neva Mode #1	330° N 330° W SEc NE Sec. 32 2S 14W	Rosciare	3150'	6	G.L. 400'
FAYETTE COUNTY						
W. L. Belden	Peyton-Meyer #1	330° S 330° E NWc SE NE Sec. 12 5N 2E	Carper	3430'	2	G.L. 536'
Hulse Oil & Refining Co.	Thomas Mills #1	330° S 330° E NWc SE NE Sec. 19 7N 3E	Paint Creek	1806'	12	G.L. 586'
L. B. Hoss	A. Morrison #1	330° S 150° W NEc NW Sec. 19 7N 3E	Paint Creek	1578'	15	G.L. 589'
Hulse Oil & Refining Co.	James W. Ler #2	330° N 330° E SWc SE SE Sec. 9 8N 3E	Paint Creek	1608'	24	G.L. 607'
N. A. Badridge	James W. #1-A	330° S 330° W NEc SE NW Sec. 16 8N 3E	Paint Creek	1617'	7	G.L. 600'
N. A. Badridge	Lilly Heirs #A-2	330° S 990° W NEc SE NW Sec. 16 8N 3E	Paint Creek	1624'	13	G.L. 599'
Humble Oil & Refining Co.	Clinton Miller #4	330° S 330° E NWc SE NE Sec. 16 8N 3E	Paint Creek	1626'	14	G.L. 620'
Smith Oil Co.	Edith K. Smith #2	330° N 405° W SEc NW SE Sec. 35 8N 3E	Cypress	1578'	25	G.L. 613'

## PRODUCING WELLS (Completed in 1971)—Concluded

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
FRANKLIN COUNTY						
L. L. Luck	Old Ben #1-UC	330°N 330°E SWc NE Sec. 16 5S 2E	Cypress	2630'	50	G.L. 425.94'
H & W Oil Co., Inc.	Benton North Unit #4	10N 330°E SWc SE NW NE Sec. 36 5S 2E	Paint Creek	2610'	40	G.L. 433.9'
Killion and McClement Oil Producers	Scott #1D	290°N 540°E SWc NE NW Sec. 29 7S 3E	Aux Vases	2797'	105	G.L. 416'
GALLATIN COUNTY						
William J. Osborne	Herbert Crane #2	330°S 330°W NEc NW NW Sec. 1 9S 9E	Waltersburg	2056'	58	G.L. 354'
William J. Osborne	Herbert Crane #3	330°N 330°E SWc NW NW Sec. 1 9S 9E	Waltersburg	2074'	89	G.L. 354'
JASPER COUNTY						
Triangle Oil Co., Inc.	Fronning #1	330°S 330°E NWc SW NE Sec. 16 5N 10E	McClosky	2961'	8	G.L. 496'
Triangle Oil Co., Inc.	Fronning #1-B	330°S 330°W NEc SE NW Sec. 16 5N 10E	McClosky	2965'	22	G.L. 487'
Robert B. Britton	Raymond Fronning #2	330°S 330°E NWc SE NW Sec. 16 5N 10E	McClosky	2950'	95	G.L. 484'
George Parrish d/b/a Parrish Production Co.	R. A. Bergbower #2-B	495°S 330°E NWc SE Sec. 3 6N 10E	St. Louis	3015'	76	G.L. 472.4'
Osage Drilling Co., Inc.	E. J. Schackmann #1	330°S 330°W NEc SW Sec. 3 6N 10E	St. Louis	3207'	14	G.L. 473'
Rusk & Williams	Inez D. Turnipseed #1	940°N 330°W SEC NW SE Sec. 3 6N 10E	McClosky	2980'	19	G.L. 471'
George Parrish d/b/a Parrish Production Co.	Lawler Comm. #1	660°N 330°E SWc NW NE Sec. 29 6N 10E	McClosky	2916'	43	G.L. 517.1'
George Parrish d/b/a Parrish Production Co.	Paul Keller #1	330°N 330°W SEC Sec. 31 6N 10E	McClosky	2965'	74	G.L. 517.7'
Martin Heinrich	Richardson #1	330°S 330°E NWc NE Sec. 18 6N 14W	McClosky	2728'	2	G.L. 467'
Bangert Casing Pulling Corp.	Michl #1	330°S 330°E NWc Sec. 26 7N 10E	McClosky	2693'	5	G.L. 535'
JEFFERSON COUNTY						
The Superior Oil Co.	C. H. Friedrich #21	902°N 330°E SWc NE Sec. 19 1S 2E	Trenton	5151'	35	G.L. 540'
David F. Herley	Hahn Unit #1	330°N 330°E SWc NW NE Sec. 15 3S 2E	Benoist	2510'	25	G.L. 449'
	Hahn Unit #2	330°N 330°W SEC NW NE Sec. 15 3S 2E	Benoist	2750'	46	G.L. 452'
LAWRENCE COUNTY						
F. L. G. Oil Corp.	Kilburn J. Beard #1	330°S 990°E NWc NE Sec. 11 2N 12W	Penn.	825'	6	G.L. 449'
Raymond Brinkley & Wayne Miller	Buchanan #1	990°N 330°E SEC SE NW Sec. 11 2N 12W	Biehli	1255'	27	G.L. 426'
Raymond Brinkley	Buchanan #2	330°N 330°W SEC SE NW Sec. 11 2N 12W	Biehli	1275'	Prod.	G.L. 426'
F. L. G. Oil Co.	Gilespeirs #1	330°S 990°W SEC NW NW Sec. 17 2N 12W	Biehli	1268'	12	G.L. 426'
The Wiser Oil Co.	Worford #2	330°N 990°W SEC NW NW Sec. 17 2N 12W	Cypress	1897'	12	G.L. 491'
Wiser Petroleum Exploration	Worford #3	330°N 330°W SEC SE Sec. 17 2N 11W	McClosky	1897'	48	G.L. 410'
The Wiser Oil Co.	Worford #4	330°S 990°W SEC SE Sec. 20 3N 11W	McClosky	1847'	Show Oil	G.L. 410'
Wayne Smith, Operator, Inc.	Martin Kirkwood #7	314°S 32°E NWc NE Sec. 11 3N 12W	Cypress	1641'	35	G.L. 443.7'
W. C. McBride, Inc.	N. M. Rogers #28	660°N 640°E SWc SE NW Sec. 14 3N 12W	Cypress	1580'	25	G.L. 430'
John M. Zanettis - Zanettis Oil Properties	W. H. Gillespie #10	212°S 330°E NWc NE SW Sec. 15 3N 12W	Buchanan	1289'	35	G.L. 430'

Marathon Oil Co.	Lydia Seed #21	330° S 660' W NEc NW SW Sec. 15 3N 12W	Kirkwood	1890'	24	G.L. 457'
Marathon Oil Co.	R. O. Buchanan #31	338° S 910' W NEc SE SE Sec. 16 3N 12W	Kirkwood	1720'	88	G.L. 467'
Marathon Oil Co.	E. Leighty a/c #370 (Fillmore Unit)	660° S 910' E NWc SW SW Sec. 26 3N 12W	Hardinsburg	1438'	100	G.L. 467'
Marathon Oil Co.	Ge-Dining Comm. #0-1	101° S 710' W NEc NE SE Sec. 26 3N 12W	Hardinsburg	1433'	33	G.L. 489'
L & E Oil Properties	Hopkins-Shidler Comm. #1	400° N 532' W SEC NEc NE Sec. 36 3N 12W	Cypress	1707'	33	G.L. 473'
Marathon Oil Co.	J. T. Griggs a/c #1 #83	330° N 330' W SEC SW NW Sec. 28 4N 12W	Boist	1820'	36	G.L. 473'
Marathon Oil Co.	J. E. Johnson #33	337° S 266' E NWc NE SE Sec. 32 4N 12W	Bridgeport	1518'	36	G.L. 469'
Wayne Smith, Operator, Inc.	M. X. Piper #837	330° S 713' W NEc SW SE Sec. 32 4N 12W	Bridgeport	930'	30	G.L. 489'
Wayne Smith, Operator, Inc.	Gray-Piper Comm. #637	330° S 330' W SEC NE NE Sec. 11 4N 13W	Paint Creek	1807'	20	G.L. 431'
		330° S 330' E NWc Sec. 12 4N 13W	Paint Creek	1540'	40	G.L. 429'
MARION COUNTY						
Texaco, Inc.	City of Centralia #92 (Tract 152)	309° N 807' E SWc NW Sec. 4 1N 2E	Devonian	3575'	63	G.L. 521'
Texaco, Inc.	Salem Unit O/A Tract 152 (City)					
Texaco, Inc.	City of Centralia #81	340° N 185' W SEC NE Sec. 5 1N 2E	Salem	2260'	6	D.F. 525'
Texaco, Inc.	Salem Unit O/A Tract 178 Well #32	744° N 330' E SWc SE SE Sec. 6 1N 2E	Devonian	3437'	13	D.F. 525'
Texaco, Inc.	Salem Unit O/A Tract 199 (M. J. Bryant) Well #22	725° N 750' E SWc NW Sec. 9 1N 2E	McClosky	3609'	22	D.F. 536'
Texaco, Inc.	Salem Unit O/A Tract 58 (J. R. Young) Well #21	1040° S 330' W NEc NW NE Sec. 29 2N 2E	Devonian	4820'	67	D.F. 530'
Texaco, Inc.	Salem Unit O/A Tract 60 Well #38	295° N 333' E SWc SE NW Sec. 29 2N 2E	Devonian	4618'	120	D.F. 543'
Texaco, Inc.	Salem Unit O/A Tract 92 (K. Wayman) Well #24	280° N 330' W SEC NW NE Sec. 31 2N 2E	Devonian	4612'	23	D.F. 517'
Texaco, Inc.	Well #29	285° N 353' W SEC NE NE Sec. 31 2N 2E	Devonian	4575'	37	D.F. 491'
Texaco, Inc.	Salem Unit O/A Tract 99 Well #11	265° N 390' E SWc NW NW Sec. 33 2N 2E	Devonian	3483'	153	D.F. 524'
Doran Oil Properties	Earl Blank #1	330° N 330' W SEC SW Sec. 20 2N 4E	McClosky	2804'	130	G.L. 467'
James R. VanBuskirk	McGuire #1	330° N 330' E SWc NE Sec. 20 2N 4E	McClosky	2729'	9	G.L. 512'
Doran Oil Properties	Merrle Holtsiaw #1	330° S 330' E NWc NE NW Sec. 29 2N 4E	McClosky	2704'	130	G.L. 495'
Karchmer Pipe & Supply Co.	Merryman #3-A	1320° N 338' E SWc SE SW Sec. 21 4N 1E	Renault	1448'	15	G.L. 488.6'
National Associated Petroleum Co.	C. Russell Williams Etal Comm. #1	330° N 330' W SEC NW Sec. 10 4N 3E	Benoist	2224'	15	G.L. 569'
PERRY COUNTY						
Leonard E. Bixby	Majewski #1	727° S 451' E NWc SE Sec. 4 5S 1W	Cypress	1160'	20	G.L. 481.2'
N. A. Baldrige	S. Zielinski #1-A	330° S 360' W NEc SW SE Sec. 4 5S 1W	Cypress	1154'	9	G.L. 473'
RANDOLPH COUNTY						
R. E. Linders	Owen's Comm. Well #1	330° S 330' E NWc SE NE Sec. 6 4S 5W	Cypress	2400'	Prod.	G.L. 507.8'
Bangert Casing Pulling Corp.	Herdes #1	990° S 330' E NWc NE Sec. 14 3N 8E	McClosky	3016'	8	G.L. 416'
Union Oil Co. of California	Palmer-Taylor #10	866° S 333' E NWc SE Sec. 5 3N 9E	McClosky	3001'	7	G.L. 484'
Union Oil Co. of California	Fred Berger #3	60° N 70' E SWc NW SE Sec. 25 4N 9E	Cypress	2575'	26	G.L. 485'
William R. & Phyllis S. Becker	F. L. Wakefield #5A	860° N 330' E SWc SE NE Sec. 26 4N 9E	Rosciare	3000'	30	G.L. 493'
John M. Zanetis	John M. Zanetis					
Zanetis Oil Properties	Gerald Kermicle #3	330° N 330' E SWc NW NW Sec. 4 4N 10E	McClosky	3015'	40	G.L. 458'
John M. Zanetis	Wilson #1	330° S 330' W NEc SW SW Sec. 4 4N 10E	McClosky	2953'	5	G.L. 457'
Zanetis Oil Properties						
John M. Zanetis	Kermicle Cons. #1	990° N 330' W SEC NE SE Sec. 5 4N 10E	McClosky	3019'	90	G.L. 463'
Zanetis Oil Properties						
John M. Zanetis	Forrest Kermicle #1	330° S 330' W NEc Sec. 5 4N 10E	McClosky	3006'	116	G.L. 444'

PRODUCING WELLS (Completed in 1971)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
John M. Zanetis	G. Kermicle #4	660°S 330°W NEc SE NE Sec. 5 4N 10E	McClosky	2992'	95	G. L. 467'
Zanetis Oil Properties	Scherer #1	330°N 990°E SWc NE Sec. 17 4N 10E	McClosky	3070'	30	G. L. 468'
John M. Zanetis	A. Fleming #1	660°N 330°E SWc NW Sec. 30 4N 10E	Cypres	2561'	50	G. L. 483'
Zanetis Oil Properties	Carl Shindler #1	330°N 330°W SEc Sec. 25 5N 9E	McClosky	2910'	14	G. L. 479'
John M. Zanetis	Kermicle-Grove Comm. #1	330°N 330°E SWc SE SW Sec. 29 5N 10E	McClosky	2890'	7	G. L. 486'
John M. Zanetis	F. Kermicle #1-A	330°N 330°W SEc Sec. 32 5N 10E	McClosky	2993'	30	G. L. 466'
John M. Zanetis	Bridges Cons. #1	330°N 330°E SWc Sec. 33 5N 10E	St. Louis	2970'	96	G. L. 451'
John M. Zanetis	Pauley #1	330°S 330°W NEc NW SE Sec. 35 5N 14W	McClosky	2946'	10	G. L. 476'
Zanetis Oil Properties						
SALINE COUNTY						
Slagter Producing Corp.	Kendall Bramlet #1-A	330°N 330°E SWc SE NE Sec. 19 8S 7E	Palestine	2100'	5	G. L. 408'
C. E. Brehm d/b/a C. E. Brehm	Riegel #1	100°N 800°W SEc Sec. 3 9S 5E	Cypres	2384'	Gas	G. L. 391'
Drilling & Producing						
SANGAMON COUNTY						
Midland Oil Development Co., Inc.	Beam #1	330°N 330°E SWc NE NW Sec. 4 14N 4W	Silurian	1726'	15	G. L. 585.9'
Jack D. Kuykendall	Fishburn #1	330°N 220°W SEc NW Sec. 6 15N 2W	Aux Vases	2580'	75	G. L. 587.6'
Louis H. Kapp, Jr.	Hawk #1	330°S 2310°W NEc SW Sec. 6 15N 2W	Silurian	1765'	100	G. L. 561.6'
John Carey Oil Co.	Gary Lee Hawk #1	330°S 990°W NEc SW Sec. 6 15N 2W	Silurian	1788'	120	G. L. 561'
Homeier Oil Associates	Dowdell #3	330°N 700°W SWc NE SW Sec. 7 15N 2W	Silurian	1808'	241	G. L. 545'
Homeier Oil Associates	Dowdell #4	990°S 990°E NWc SW Sec. 7 15N 2W	Silurian	1792'	140	G. L. 564.2'
Homeier Oil Associates	Dowdell #5	1650°S 330°E NWc SW Sec. 7 15N 2W	Silurian	1805'	105	G. L. 550'
Homeier Oil Associates	Mooney #1	330°N 1650°E SWc NW Sec. 7 15N 2W	Silurian	1802'	168	G. L. 548'
Homeier Oil Associates	Dowdell #2	990°S 330°E NWc SE Sec. 12 15N 3W	Silurian	1782'	Prod.	G. L. 550.2'
Homeier Oil Associates	Marvin #2	990°S 330°W NEc SW SE Sec. 12 15N 3W	Silurian	1782'	75	G. L. 550.2'
Homeier Oil Associates	Frank #1	990°S 330°E NWc NE NW Sec. 13 15N 3W	Silurian	1802'	41	G. L. 542.8'
Homeier Oil Associates	Frank #2	990°S 330°W NEc NW Sec. 13 15N 3W	Silurian	1784'	92	G. L. 543'
Boyd Marquand	John George #2	330°N 330°E SWc NW Sec. 13 15N 3W	Silurian	1771'	Prod.	G. L. 542.2'
E. A. Funderburk	Beil #2	330°S 330°W SEc SE Sec. 14 15N 3W	Silurian	1765'	88	G. L. 542.1'
Louis H. Kapp, Jr.	Munson #1	330°S 330°W NEc SW NE Sec. 14 15N 3W	Silurian	1762'	100	G. L. 590.2'
John Carey Oil Co.	Coe Comm. #1	330°N 330°W SEc NE Sec. 22 15N 4W	Silurian	1716'	102	G. L. 578'
John Carey Oil Co., Inc.	Fairchild Comm. #1	330°S 330°W SEc NE Sec. 22 15N 4W	Silurian	1725'	24	G. L. 578'
Aladdin Oil Development Co.	Maxheimer #1-C	330°N 330°E SWc NW NW Sec. 23 15N 4W	Silurian	1667'	10	G. L. 580.1'
John Carey Oil Co.	Poffenberger #1-A	330°S 330°E NWc Sec. 23 15N 4W	Silurian	1663'	91	G. L. 581.4'
R & D Development	Frank Rentschler #1	330°N 330°W SEc SW Sec. 34 15N 4W	Silurian	1643'	4	G. L. 546'
J. U. Dodge	March #1	330°N 330°E SWc SE NW Sec. 31 16N 3W	Silurian	1673'	24	G. L. 587'
Aladdin Oil Development Co.	Baker #1	330°S 330°W NEc NW NE Sec. 34 16N 4W	Silurian	1606'	30	G. L. 580'



## WABASH COUNTY

Dayton F. Loeffler	Tracy Price #L-1	20°N 185°E SWc SE Sec. 12 1N 12W	Bieh	1465'	5	G.L. 467'
Robert L. Dayson	Stanley Price #1	330°N 330°W NEC SW NE Sec. 19 1N 12W	Bieh	1580'	30	G.L. 415'
H & H Oil Co., Inc.	Courty #7	330°S 330°W NEC SW SE Sec. 7 1S 12W	O'Hara	2372'	18	G.L. 476'
Southern Triangle Oil Co.	Mary B. Carlson #14	980°N 55°E SWc SE Sec. 16 1S 12W	Cypress	2022'	5	G.L. 392'
H & H Oil Co., Inc.	Couch-Noeller Comm. #1	330°N 330°W SEC SW NW Sec. 16 1S 12W	Cypress	2006'	4	G.L. 400'
Emma Summers	Emma Summers #2	330°N 330°E SWc NE NW Sec. 4 1S 13W	Aux Vases	2629'	5	G.L. 411'
Southern Triangle Oil Co.	Hazel Keepees #1	330°N 330°E SWc Sec. 20 1S 13W	Tar Springs	2197'	35	G.L. 484'
Southern Triangle Oil Co.	Harriet Keepees #2	330°S 330°E NWc Sec. 29 1S 13W	Tar Springs	2191'	30	G.L. 475'
Getty Oil Co.	Southern Keensburg Unit Legier					
	Tract 6 Well #11	330°N 1145°E SWc NW Sec. 16 2S 13W	Bethel	2595'	30	G.L. 403'
Ben C. Blades	Dunn-Pfeiffer #1	330°N 330°W SEC NE NE Sec. 26 2S 14W	Cypress	2612'	50	D.F. 399'

## WASHINGTON COUNTY

M. D. Burkett Oil Properties	Faber #1	330°S 330°E NWc SW SE Sec. 17 2S 4W	Hardin	2350'	16	G.L. 458.5'
M. D. Burkett Oil Properties	Hohlt #1	330°N 330°E SWc NE Sec. 17 2S 4W	Hardin	2350'	38	G.L. 458'
M. D. Burkett Oil Properties	Klingenberg-Mittendorf Comm. #1	330°S 330°W NEC SW Sec. 17 2S 4W	Hardin	2370'	116	G.L. 459.5'
M. D. Burkett Oil Properties	Schuetz Comm. #1	990°S 330°E NWc SE Sec. 17 2S 4W	Hardin	2348'	60	G.L. 452.5'

## WAYNE COUNTY

Joe A. Dull	Hubert Brashear #1	660°S 330°W NEC NW NW Sec. 19 1N 5E	Aux Vases	2829'	85	G.L. 510'
Edward J. Klockenkemper	Logan Harrell #1	330°N 330°W SEC NW Sec. 23 1N 5E	Aux Vases	2912'	13	G.L. 437'
Charles E. Booth	Kieser #1	330°N 360°W SEC NE NE Sec. 23 1N 5E	Aux Vases	2970'	15	G.L. 437'
Midwest Oil Producers	Flextier #1	330°N 330°E SWc SW NW SW Sec. 3 1N 7E	Aux Vases	3183'	10	G.L. 451'
Republic Oil Co.	Loss #1	330°S 330°E NWc NE SE Sec. 7 1N 7E	McClosky	3307'	25	G.L. 468'
Robinson Production, Inc.	Billington #1	330°S 330°E NWc SE Sec. 23 1N 7E	Aux Vases	3082'	22	G.L. 436'
Republic Oil Co.	McCracken #3	1650°S 330°E NWc NW NE NW Sec. 3 1N 8E	McClosky	3185'	20	G.L. 445'
Shawn Oil Co.	F. Best #1	330°S 330°E NWc Sec. 15 1N 8E	Rosclaire	3270'	68	G.L. 395'
Triple "B" Oil Producers, Inc.	Gillard #2	330°S 330°E NWc NE SW Sec. 13 1N 9E	Aux Vases	3270'	50	G.L. 446'
John D. Gordon	Bothwell #2-A	330°N 330°E SWc SE NE Sec. 24 2N 7E	Cypress	2919'	12	G.L. 448'
Shakespeare Oil Co., Inc.	M. Obrecht Unit #5	660°N 330°E SWc Sec. 22 2N 8E	Cypress	3038'	50	G.L. 443'
Shelby A. Britton	G. Zimmerman #1	430°S 330°E NWc SW NW Sec. 28 2N 8E	Aux Vases	3038'	5	G.L. 433'
Shelby A. Britton	W. O. Duke #1	330°S 330°E NWc NW NW Sec. 28 2N 8E	Aux Vases	3115'	110	G.L. 444'
Triple "B" Oil Producers, Inc.	South Woodside School Cons. -		McClosky			
Union Oil Co. of California	G. E. Gill #1	369°N 510°E SWc Frac. NW Frac. NW Sec. 30 2N 8E	Aux Vases	3070'	8	G.L. 436'
	Rice #2	330°N 330°E SWc NE NE Sec. 30 2N 8E	Aux Vases	2947'	1	G.L. 430'
Leonard J. Urbanski	Nannie Rogers #1-A	330°S 330°E NWc SE NE Sec. 30 2N 8E	Aux Vases	2952'	20	G.L. 443'
partlow & Cochonour	Nannie Rogers #3	330°S 330°W NEC SE NE Sec. 30 2N 8E	Aux Vases	2948'	20	G.L. 440'
partlow & Cochonour	D. Whelan #1	330°S 330°E NWc NE SW Sec. 34 2N 8E	Rosclaire	3116'	20	G.L. 456'
partlow & Cochonour	G. Shilburn #3	330°S 330°E NWc NE SW Sec. 36 2N 8E	McClosky	3115'	30	G.L. 409'
Robinson Production, Inc.	Millard McNeil #1	330°N 660°W SEC SW NE Sec. 15 1S 6E	Aux Vases	3260'	4	G.L. 439'
John B. Murvin	Kelley #2-B	660°S 330°W NEC SE NW Sec. 14 1S 7E	O'Hara	3182'	30	G.L. 428'
John B. Murvin	Pike #1-B	330°S 330°E NWc SW NE Sec. 14 1S 7E	Aux Vases	3185'	95	G.L. 424'
John B. Murvin	Pike #1-B	330°N 330°W SEC NW NE Sec. 14 1S 7E	Aux Vases	3229'	45	G.L. 422'
John B. Murvin	Pike #2-B	330°N 330°E SWc NW NE Sec. 14 1S 7E	Aux Vases	3196'	10	G.L. 429'
Forest Arthur Wilkinson	John Hinkle #1	330°S 430°W NEC SE Sec. 10 1S 8E	McClosky	3185'	5	G.L. 433'
Midwest Oil Producers	P. A. Gill #1	990°N 330°W SEC SW SE Sec. 6 2S 9E	McClosky	3421'	25	G.L. 454'

## PRODUCING WELLS (Completed in 1971)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev
Midwest Oil Producers	Wm. Inskeep #1	330°N 330°E SWc NW NE Sec. 7 2S 9E	McClosky	3380'	90	G.L. 433'
Midwest Oil Producers	Clifford Moore #1	330°S 330°W NEc SE NW Sec. 7 2S 9E	McClosky	3385'	190	G.L. 435'
Shulman Brothers	Poorman #4	330°S 330°E NWc SW Sec. 18 3S 8E	McClosky	3388'	2	G.L. 375'
WHITE COUNTY						
J. W. Rudy Co.	G. H. Lamont #1	330°N 360°E SWc NW Sec. 27 3S 9E	McClosky	3423'	1	G.L. 349'
Louis A. Pessina	Kathleen Eagleson #1—"D"	330°N 426°W SEc N $\frac{1}{2}$ of Frac. SE $\frac{1}{4}$ Sec. 19 3S 11E	Benoist	3185'	10	G.L. 396'
Royalco, Inc.	J. Smith #B-1	330°S 330°W NEc SW SE Sec. 16 4S 14W	Aux Vases	2870'	20	G.L. 376'
Procter's Oil, Inc.	Herman Phillips #1A	330°S 380°W NEc NW NE Sec. 23 5S 8E	Aux Vases	3167'	10	G.L. 395'
Fletcher F. Farrar	Pool #2	330°N 330°W SEc Sec. 24 6S 8E	McClosky	3136'	5	G.L. 471'
McDon Corp.	E. H. Morris #8	330°N 330°E SWc SE NE Sec. 12 6S 9E	Waltersburg	2300'	Prod.	G.L. 392'
Dennis Paine	Minta Traunor #4	330°N 330°W SEc NE SW Sec. 23 6S 9E	Tar Springs	2270'	2	G.L. 357'
Dennis Paine	Minta Traunor #8	330°S 330°W NEc SE NE Sec. 23 6S 9E	Tar Springs	2259'	28	G.L. 353'
William R. & Phyllis S. Becker	Ramsey #4	330°S 990°W NEc SE NE Sec. 33 6S 10E	Aux Vases	3010'	7	G.L. 365'
Humble Oil & Refining Co.	Roland Unit Area 1, #53	990°N 975°E SWc NE Sec. 11 7S 8E	Aux Vases	2942'	69	G.L. 437'
WILLIAMSON COUNTY						
C. E. Brehm d/b/a C. E. Brehm	Eberhardt #1B	560°S 625°E NWc SE Sec. 12 8S 2E	Aux Vases	2557'	55	G.L. 430.77'
C. E. Brehm d/b/a C. E. Brehm	Littlefair #1B	330°N 550°E SWc NE SW Sec. 12 8S 2E	Aux Vases	2555'	138	G.L. 420.2'
C. E. Brehm d/b/a C. E. Brehm	Novinsky #1B	500°S 275°W NEc NE NW SW Sec. 12 8S 2E	Tar Springs	2556'	Gas	G.L. 417.28'
C. E. Brehm d/b/a C. E. Brehm	Owens Comm. #1	460°S 460°E NWc SE SW Sec. 24 8S 3E	Benoist	2740'	25	G.L. 523'
C. E. Brehm d/b/a C. E. Brehm	Chaney #1	430°N 330°W SEc NW Sec. 17 9S 4E	Cypress	2625'	2	G.L. 504'



STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS  
SPRINGFIELD, ILLINOIS

In the Matter of: An application for a drilling unit consisting of 20-acres in Jasper County, Illinois, and to authorize the drilling of the *Lawler Comm. #1* well at the following location: 660 feet north and 330 feet east of the southwest corner of the northwest quarter of the northeast quarter of Section 29, Township 6 North, Range 10 East, Jasper County, Illinois.

MINING  
BOARD HEARING  
NO. 217

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, on the 9th day of July, 1971. Present for the hearing for the State Mining Board was Mr. George Lane, Hearing Officer; present was Mr. George Parrish, applicant. No appearance was made on behalf of the objector.

The Mining Board having considered the oral testimony and the exhibits introduced in said cause and being fully advised in the matter of an application for a 20-acre drilling unit consisting of the west one-half of the northwest quarter of the northeast quarter, Section 29, Township 6 North, Range 10 East, Jasper County, Illinois, finds that the application for a permit filed by Mr. George Parrish to drill a well for oil known as the *Lawler Comm. #1* to be located:

660 feet North and 330 feet East of the Southwest corner of the Northwest quarter of the Northeast quarter of Section 29, Township 6 North, Range 10 East, of Jasper County, Illinois,

to the Salem formation, is in order and that pursuant to Section 83a, Chapter 104, Illinois Revised Statutes 1955, the parties involved shall integrate their interests and develop their lands as a drilling unit for the *Lawler Comm. #1* which will be known hereafter as the *Lawler Comm. #1* at the following location:

660 feet North and 330 feet East of the Southwest corner of the Northwest quarter of the Northeast quarter of Section 29, Township 6 North, Range 10 East, of Jasper County, Illinois.

The west one-half of the northwest quarter of the northeast quarter of Section 29, Township 6 North, Range 10 East, Jasper County, Illinois is designated as the drilling unit.

IT IS THEREFORE ORDERED, that a permit shall be granted to Mr. George Parrish for the *Lawler Comm. #1* well located:

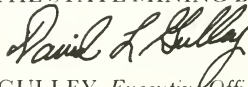
660 feet North and 330 feet East of the Southwest corner of the Northwest quarter of the Northeast quarter of Section 29, Township 6 North, Range 10 East, of Jasper County, Illinois,

and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

IT IS FURTHER ORDERED, that the Objector, Southern Triangle Oil Company, shall participate in the Lawler unit described above to the extent of 1/20th of the 7/8ths working interest, and 1/20th of the 1/8th royalty interest. This participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations".

DATED at Springfield, Sangamon County, Illinois, this 13th day of July A. D., 1971.

BY ORDER OF THE STATE MINING BOARD



DAVID L. GULLEY, *Executive Officer*:

## STATE OF ILLINOIS

### DEPARTMENT OF MINES AND MINERALS

#### SPRINGFIELD, ILLINOIS

In the matter of the application of Kenneth R. Freed to install a vacuum pump on the *J. W. Swick #1* well located: 660'S and 660'W of the NE corner of the SW quarter of Section 20 Township 6 North, Range 10 East, Jasper County, Illinois.

HEARING  
ORDER NO.  
216

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:00 A.M. (D.S.T.) Tuesday, June 1, 1971, pursuant to the Notice of Hearing, duly given upon the application above captioned.

Present at the hearing for the State Mining Board were Mr. George R. Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Present was Mr. Kenneth R. Freed, Applicant. Also present were Mr. Harry W. Hawk, Objector and Mr. Frank Maxwell, Objector.

The State Mining Board having heard the oral testimony of witnesses sworn and examined, having heard the arguments of counsel, having considered applicant's exhibits and being fully advised in the premises, on consideration finds:

That the application of Mr. Kenneth R. Freed to install a vacuum pump on the *J. W. Swick #1* well located:

660'S and 660'W of the NE corner of the SW quarter of  
Section 20 Township 6 North, Range 10 East, Jasper County,  
Illinois,

should be denied.

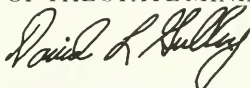
IT IS THEREFORE ORDERED that the application of Mr. Kenneth R. Freed to install a vacuum pump on the *J. W. Swick #1* well located:

660'S and 660'W of the NE corner of the SW quarter of  
Section 20 Township 6 North, Range 10 East, Jasper County,  
Illinois,

is hereby denied.

DATED AT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS, this 8th day of June, A.D., 1971.

BY ORDER OF THE STATE MINING BOARD:



DAVID L. GULLEY, *Executive Officer*

STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

<p>In the matter of the application of Kenneth R. Freed to install a vacuum pump on the <i>J. W. Swick #1</i> well located: 660'S and 660'W of the NE corner of the SW quarter of Section 20 Township 6 North, Range 10 East, Jasper County, Illinois.</p>	<p>HEARING ORDER NO. 216</p>
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This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:00 A.M. (D.S.T.) Tuesday, June 1, 1971, pursuant to the Notice of Hearing, duly given upon the application above captioned.

Present at the hearing for the State Mining Board were Mr. George R. Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Present was Mr. Kenneth R. Freed, Applicant. Also present were Mr. Harry W. Hawk, Objector and Mr. Frank Maxwell, Objector.

The State Mining Board having heard the oral testimony of witnesses sworn and examined, having heard the arguments of counsel, having considered applicant's exhibits and being fully advised in the premises, on consideration finds:

That the application of Mr. Kenneth R. Freed to install a vacuum pump on the *J. W. Swick #1* well located:

660'S and 660'W of the NE corner of the SW quarter of Section 20 Township 6 North, Range 10 East, Jasper County, Illinois,

should be denied.

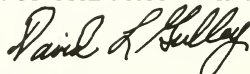
IT IS THEREFORE ORDERED that the application of Mr. Kenneth R. Freed to install a vacuum pump on the *J. W. Swick #1* well located:

660'S and 660'W of the NE corner of the SW quarter of Section 20 Township 6 North, Range 10 East, Jasper County, Illinois,

is hereby denied.

DATED AT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS, this 8th day of June, A.D., 1971.

BY ORDER OF THE STATE MINING BOARD:



DAVID L. GULLEY, *Executive Officer*

STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the matter of the application of C. E. Brehm }  
to drill a well designated as the Turner #1 well }  
to be located: 330 feet North and 1050 feet } HEARING ORDER  
East of Section 18, Township 9 South, Range 4 } NO. 215  
East, Williamson County, Illinois.

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:30 A.M. (D.S.T.) on Tuesday, the 18th day of May A.D., 1971, pursuant to the Notice of Hearing, duly given upon the application above captioned.

Present at the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Present on behalf of the applicant, were Mr. Howard W. Campbell, of the firm of Craig and Craig; Mr. Denzil Osborn, Landman for C. E. Brehm; Mr. Wilton H. Webb, Geologist for C. E. Brehm; and Mr. Leon L. Hall, Petroleum Engineer for C. E. Brehm. Also present was Mr. Charles R. Fox, Division Engineer, on behalf of Ayrshire AMAX Corporation.

The State Mining Board having heard the oral testimony of witnesses sworn and examined, having heard the arguments of counsel, having considered applicant's exhibits and being fully advised in the premises, on consideration finds:

That the application of Mr. C. E. Brehm to drill the *Turner #1* Well located:

330 feet North and 1050 feet East of the Southwest corner of the Northeast quarter of Section 18, Township 9 South, Range 4 East, Williamson County, Illinois,

should be granted.

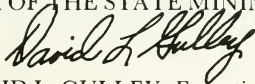
IT IS THEREFORE ORDERED that the application of Mr. C. E. Brehm to drill the *Turner #1* well located:

330 feet North and 1050 feet East of the Southwest corner of the Northeast quarter of Section 18, Township 9 South, Range 4 East, Williamson County, Illinois,

is approved and the permit is hereby granted.

DATED AT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS, 28th day of May, A.D., 1971.

BY ORDER OF THE STATE MINING BOARD:



DAVID L. GULLEY, *Executive Officer*

STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the matter of the application of C. E. Brehm to drill a well designated as the Trimble Community #1 well to be located: 330 feet South and 990 feet West of the Northeast corner of the Southeast quarter of Section 8, Township 9 South, Range 4 East, Williamson County, Illinois.

HEARING ORDER  
NO. 214

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:30 A.M. (D.S.T.) on Tuesday, the 18th day of May A.D., 1971, pursuant to the Notice of Hearing, duly given upon the application above captioned.

Present at the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Present on behalf of the applicant, were Mr. Howard W. Campbell, of the firm of Craig and Craig; Mr. Denzil Osborn, Landman for C. E. Brehm; Mr. Wilton H. Webb, Geologist for C. E. Brehm; and Mr. Leon L. Hall, Petroleum Engineer for C. E. Brehm. Also present were Mr. Charles R. Fox, Division Engineer, on behalf of Ayrshire AMAX Corporation and Mrs. Elizabeth G. Frazee, Attorney at Law, on behalf of Carney Management Company.

The State Mining Board having heard the oral testimony of witnesses sworn and examined, having heard the arguments of counsel, having considered applicant's exhibits and being fully advised in the premises, on consideration finds:

That the application of Mr. C. E. Brehm to drill the *Trimble Community #1 Well* located:

330 feet South and 990 feet West of the Northeast corner of the Southeast quarter of Section 8, Township 9 South, Range 4 East, Williamson County, Illinois,

should be granted.

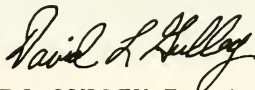
IT IS THEREFORE ORDERED that the application of Mr. C. E. Brehm to drill the *Trimble Community #1 Well* located:

330 feet South and 990 feet West of the Northeast corner of the Southeast quarter of Section 8, Township 9 South Range 4 East, Williamson County, Illinois,

is approved and the permit is hereby granted.

DATED AT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS, 28th day of May, A.D., 1971.

BY ORDER OF THE STATE MINING BOARD:



DAVID L. GULLEY, *Executive Officer*

## STATE OF ILLINOIS

### DEPARTMENT OF MINES AND MINERALS

#### SPRINGFIELD, ILLINOIS

In the matter of the application of C. E. Brehm to drill a well designated as the *Carney #A-1* to be located: 330 feet South and 330 feet East of the Northwest corner of the Northeast quarter of the Southeast quarter of Section 20, Township 9 South, Range 4 East, Williamson County, Illinois.

HEARING ORDER  
NO. 213

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:30 A.M. (D.S.T.) on Tuesday, the 18th day of May, A.D., 1971, pursuant to the Notice of Hearing, duly given upon the application above captioned.

Present at the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Present on behalf of the applicant, were Mr. Howard W. Campbell, of the firm of Craig and Craig; Mr. Denzil Osborn, Landman for C. E. Brehm; Mr. Wilton H. Webb, Geologist for C. E. Brehm; and Mr. Leon L. Hall, Petroleum Engineer for C. E. Brehm. Also present were Mr. Charles R. Fox, Division Engineer, on behalf of Ayrshire AMAX Corporation and Mrs. Elizabeth G. Frazee, Attorney at Law, on behalf of Carney Management Company.

The State Mining Board having heard the oral testimony of witnesses sworn and examined, having heard the arguments of counsel,

having considered applicant's exhibits and being fully advised in the premises, on consideration finds:

That the application of Mr. C. E. Brehm to drill the *Carney #A-1* well located:

330 feet South and 330 feet East of the Northwest corner of the Northeast quarter of the Southeast quarter of Section 20, Township 9 South, Range 4 East, Williamson County, Illinois,

should be granted.

IT IS THEREFORE ORDERED that the application of Mr. C. E. Brehm to drill the *Carney #A-1* well located:

330 feet South and 330 feet East of the Northwest corner of the Northeast quarter of the Southeast quarter of Section 20, Township 9 South, Range 4 East, Williamson County, Illinois,

is approved and the permit is hereby granted.

DATED at Springfield, Sangamon County, Illinois, this 24th day of May, A.D., 1971.

BY ORDER OF THE STATE MINING BOARD:

A handwritten signature in dark ink, appearing to read "David L. Gulley". The signature is fluid and cursive, with the first name "David" and last name "Gulley" clearly distinguishable.

DAVID L. GULLEY, *Executive Officer*





